

TESTING PROCESS TO REMOVE POISON IN SMELTER SMOKE

CORAM, Cal., Oct. 31.—Though Coram is supposed to be in a state of suspense, owing to the delay in putting the Hall process to the test, forty-one men are employed here by the Balaklala Copper company. Twenty-five men are on the payroll at the mine. The men employed here are at work on the foundation for the new gas holder and in painting and roofing the various buildings about the smelter.

As is well remembered, the Hall process was jacked up short when it was found that producer gas would not do. Illuminating gas, which is cleaner, must be substituted. So the company is building an entirely new gas works.

The gas tank, or holder, was shipped from the east eight days ago. If good time is made it should arrive here in twelve days more. It will take over a month to rivet the tank together and set it up on its foundation.

Holder Big Affair.

The holder, like the ordinary gas reservoir in every city's gas works system, is a steel tank 45 feet in diameter and 22 feet high, with a telescope interior of the same dimensions. This holder will cost \$1400, delivered in Coram.

The Balaklala for a month has been shipping fifty-five tons of ore a day to the mammoth Copper company's smelter at Kennett, where it is treated. It is of interest to note that this ore is 31 1/2 per cent copper and carries \$2.60 a ton in silver, not mentioning a little gold. The ore is 40 per cent sulphur, and it is that sulphur that has made the Balaklala an end of trouble. The chief function of the Hall process is to do away with the sulphur content.

Put in Leaching Tank.

The Balaklala is putting in leaching tanks at the mine. Water flowing from the mine is impregnated with copper. When this water is led through tanks containing scrap tin or iron the copper is precipitated. This precipitate is of great value. Two hundred sacks of 100 pounds each have been collected, in precipitate, since October 1. Forty per cent of the precipitate is copper. Or, at the present price of copper, 16 cents, each sack of precipitate is worth \$6.40.

MAKING PAPER FROM REDWOODS

SACRAMENTO, Cal., Oct. 31.—Paper mills soon will dot many of the redwood forest regions in California, according to A. W. Dodge, deputy state forester. Discovery has been made of a process whereby redwood timber can be converted into paper, a process which means the starting of many mills, he says, for heretofore no method had been found whereby redwood timber could be made into paper.

The process has not yet been perfected enough to make a good quality of printing paper, but is good for wrapping paper. Nearly all the wrapping paper used is now bought in the east.

Speaking of the discovery, Dodge said:

"Recent experiments made at the government laboratories at Madison, Wis., place the redwood as a paper material in a very favorable light. The fibers of redwood are long and produce a strong, firm and durable quality of paper."

The process to be used is a chemical one, known as the soda process. The wood is chipped into small bits and then subjected to a solution of caustic soda under pressure and intense heat. This, after thorough washing, during which the foreign matter is carried off, leaves the wood fibers in a mouldable mass known as pulp. While wet, the pulp is rolled and passed through and over a series of drums. Thus, with the process of drying, results the finished sheet or roll of paper.

Owing to the fact that the sprouts grow with great vigor, having the root system of the parent tree, redwood attains a merchantable size for paper making in a comparatively short time.

This rapid growth will enable the paper maker to practice an intensive system of forestry, and he also will be in a position to utilize fully the entire tree. Much of the timber killed by the recent fire near Santa Cruz can be utilized by the paper manufacturer.

PACIFIC HIGHWAY GRENADATO OREGON LINE THRO' YREKA

SACRAMENTO, Oct. 31.—The California highway commission has directed State Highway Engineer Fletcher to make a survey for a proposed lateral from Redding, the county seat of Shasta, to Weaverville, the county seat of Trinity. It will be 59 miles long, connecting the trunk line to the westward with the valley trunk line, from Sacramento to the Oregon line.

As a result of a conference today with a delegation of 55 men from Amador and Calaveras counties, a route was ordered mapped out which will join Jackson and San Andreas, and the both county seats to the San Joaquin valley trunk line from Sacramento to Los Angeles.

The commission determined to construct the section of the main state highway from Granada in Shasta county to the Oregon line via Yreka, the county seat.

A delegation from Sacramento, headed by Frank H. Newbert, and accompanied by State Treasurer Roberts, said plans are under way for a public subscription to \$250,000 state highway bonds, to construct the lateral from Sacramento westward to Davis.

The commission has surveys and layouts ready for letting contracts as soon as funds are to be named.

WREN A GLUTTON EATS OWN WEIGHT

MADISON, Wis., Oct. 31.—The Virginia wren, under scientific observation at the University of Wisconsin, is the world's greatest glutton, eating its own weight every two days.

Twelve waterbugs, twelve meal worms, 12 grasshoppers, one water scorpion, two sunfish, one stickleback, five live hoppers and a small snake were included in one day's menu for the bird.

VAST TRUST PROBE IN PROSPECT FOR COMING CONGRESS

ATLANTIC CITY, Oct. 31.—Promise of a vast trust probe by Uncle Sam was voted here today by Joseph Davies, federal commissioner of corporations in an address before the National Association of Hardware Manufacturers, in convention.

"It will be possible to bust the trusts without hampering industrial development or freedom," Davies declared.

"The next congress, he said, would deal largely with the trusts. Whether laws will be enacted providing for the destruction of the trusts or merely control of monopolies will be determined, he said, by the question: 'Does monopoly or competition afford the fairest and best system for all the people?'"

Davies asked the convention to cooperate with congress in the proposed investigation.

BOYS' CONFERENCE AT GRANTS PASS

GRANTS PASS, Oct. 31.—The first session of the Southern Oregon Boys' Conference will be held this evening in the Baptist church, at 7:30 o'clock. The address of the evening will be made by H. A. Canaday, of Medford. He will speak on "The Coming Man."

This session is open to the general public, to whom a cordial invitation to attend is extended. Dr. E. C. Macy, president of the Grants Pass Boys' Club, will welcome the visiting delegates before Mr. Canaday delivers his address.

The delegates began to arrive Friday afternoon. Those from the south arrived at 12:55, and those from the north at 2:10. It is still too early, however, to be able to tell what the final number of delegates will be. The local delegates will aid in receiving visitors.

The Bible study during the conference is to be in charge of J. B. Rhodes, state secretary of the Young Men's Christian Association. He is expected to arrive Friday.

FOREIGNERS PLAN TO FLEE FROM CITY OF MEXICO

MEXICO CITY, Oct. 31.—Most American and many other foreign residents here had their earthly portable belongings packed today in readiness for a hurried departure Sunday or Monday.

It was considered a foregone conclusion that Huerta will be declared to have won last Sunday's election; that he will pass the presidency along to General Blanquet and that a declaration from Washington will follow which will make a further residence here impossible, for Americans at any rate.

Some feared an anti-foreign outbreak at the first intimation of American intervention. It was the more general opinion, however, that Huerta will do all he can, while he remains in power, to prevent anything of the kind, since he is credited with enough intelligence not to want to forfeit whatever favorable opinion may be held of him abroad. It was deemed certain, too, that Sir Lionel Carden, the British minister, who has much influence with him, will advise him to the same effect.

Many of those who were planning flight must leave behind them valuable property which cannot readily be moved, and none expected ever to see it again.

EXPERTS BELIEVE TRIAL SAY VICTIM TORTURED

KIEFF, Russia, Oct. 31.—Dr. Pavloff, Kosoff and Tunnoff continued the expert medical testimony at the Bellis trial here today. They agreed that Andrei Maschinsky, the boy Bellis is accused of murdering, was horribly tortured before he died, but left the court to decide for itself whether the torture had anything to do with a religious ritual.

The prosecutor contended that thirteen wounds found in the boy's temple, apparently made with an awl, were punched in the form of a sublimistic sign.

WEIGHT QUESTION NEARLY CALLS OF BUD AND BURNS

SAN FRANCISCO, Oct. 31.—A hitch over the weight question threatened today to result in calling off plans for a twenty-round battle here Thanksgiving day between Bud Anderson and Frankie Burns. Anderson insisted that he could easily do 133 pounds four hours before the battle, the weight insisted upon by Burns, but said he wouldn't do it. Burns then called off negotiations, but Promoter Jimmy Rohan, acting for Eddie Graney, arranged another conference for late today.

The final terms offered by Rohan were satisfactory to both men and it was believed the weight squabble would be settled before night and the articles signed.

"I know I can do 133 pounds," said Anderson today, "but I would rather fight at 135. I only weighed about 138 pounds when I fought Louis Rees Wednesday night. I would have made 135 pounds, but I caught a bad cold and could not go ahead with my training. I can make 133 pounds, but I will make it only for Willie Ritchie, Leach Cross or the other top-notchers."

MINNEY FORFEITS \$1000 TO ASHLAND

The eight months' period within which the Minney company was to have begun work on its trolley lines in Ashland expired last Friday. The matter of their thousand dollar check City Attorney Moore of Ashland with the company's attorney, W. L. Vawter, of Medford. While the franchise gave the company one year in which to complete a mile of their line within the city and the check might have been held forfeited until the end of that period, Mr. Vawter gave it as his opinion that the check was practically forfeited on Friday and stated that he would advise the company to consent to that view of the matter.—Ashland Record.

The Power behind the dough

You may use an old favorite recipe and the best of materials and make it carefully, the oven may be just right, yet you will have a failure if "The Power behind the Dough" is not the right one to leaven it properly and make it light, digestible, wholesome.

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