



INDUSTRIAL OREGON PRODUCES QUALITY PRODUCTS



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"OREGON QUALITY" products are establishing themselves in world markets; they make our pay rolls they build our cities; they attract new capital and new people; they provide a market for the products of our farms. Oregon farms produce a wider variety of profitable crops of "Oregon Quality" food than any other spot on earth.

Dates of Slogans in Daily Statesman

(In Twice-a-Week Statesman Following Day)

(With a few possible changes)

Sugar Beets, Sorghum, Etc., May 7	Water Powers, May 14
Loganberries, October 2	Irrigation, May 21
Prunes, October 9	Mining, May 28
Dairying, October 16	Land, Irrigation, Etc., June 4
Flax, October 23	Floriculture, June 11
Pilberia, October 30	Hops, Cabbage, Etc., June 18
Walnuts, November 6	Wholesaling and Jobbing, June 25
Strawberries, November 13	Cucumbers, Etc., July 2
Apples, November 20	Hogs, July 9
Raspberries, November 27	Gonits, July 16
Mint, December 4	Schools, Etc., July 23
Great Cows, Etc., December 11	Sheep, July 30
Blackberries, December 18	National Advertising, August 6
Cherries, December 25	Seeds, Etc., August 13
Peas, January 1, 1925	Livestock, August 20
Gooseberries, January 8	Grain and Grain Products, August 27
Corn, January 15	Manufacturing, September 3
Celery, January 22	Automotive Industries, September 10
Spinach, Etc., January 29	Woodworking, Etc., Sept. 17
Onions, Etc., February 5	Paper Mills, Sept. 24
Potatoes, Etc., February 12	(Back copies of the Thursday edition of The Daily Oregon Statesman are on hand. They are for sale at 10 cents each, mailed to any address. Current copies 5c.)
Poultry, February 19	
Bees and Pet Stock, Feb. 26	
City Beautiful, Etc., March 5	
Beans, Etc., March 12	
Paved Highways, March 19	
Head Lettuce, March 26	
Silos, Etc., April 2	
Legumes, April 9	
Asparagus, Etc., April 16	
Grapes, Etc., April 23	
Drug Garden, April 30	

SALEM'S PAPER MILL PRODUCES THE HIGHEST GRADE PAPER AND BLEACHED SULPHITE ON THIS COAST, AND IT IS ONLY IN WORLD USING RED AND DOUGLAS FIR

The Salem Mill is Coming to the Point of Making Imitation Silk From Sulphite—This Institution Uses More Than Three Times as Much Water as All the Rest of Salem and About as Much Power as the Rest of the City—Sends Superior Products to Distant Markets, and Supports Directly Close to 2000 People Making and has Constantly Made Improvements

The outstanding news item in connection with Salem's paper mill for this annual slogan number is the fact that red and Douglas fir wood is being used successfully, on a commercial scale, in making high grade paper.

And this is the only paper mill in the world where this thing is being done.

C. F. Beyerl, manager, and J. B. Wilt, sulphite superintendent, have succeeded in developing a process whereby this wood may be so employed, as easily and cheaply, by the sulphite process, as white fir and hemlock. As a consequence an almost unlimited quantity of pulp wood which was formerly considered unfit for paper, due to its resinous nature,

is now available to keep the mill running indefinitely after all the other woods have been exhausted.

Coming to Artificial Silk

The Salem mill produces the highest grade papers and bleached sulphite on this coast. Bleached sulphite is the raw material of artificial silk, and since hemp, jute and plant fibers of all kinds are very high in price, the world's fabric makers are turning rapidly to the use of wood pulp fibers, and the Oregon Pulp and Paper company mill, under the progressive leadership of its efficient manager, C. F. Beyerl, is alert to keep pace with the times.

Wonders Being Worked
Wonders are being worked, miracles performed, hourly at the Salem paper mill of the Oregon Pulp and Paper company.

For cord wood from our farms and logs from our forests are being taken in at one end of this plant and turned out at the other end in the form of paper for the markets.

Beautiful paper, embossed glassines in a wide range of colors in a white range of colors for candy packages and other uses, grease proof papers for butter and bacon wrappers, wax papers, bond and ledgers papers, and papers for various special uses.

This process is going on in the midst of a teeming population; and not one person in a hundred realizes the magic of it all; the study and experimentation that

have been carried on to make all this possible. Such a modern paper mill is a most interesting exhibit of the accomplishments of present day chemistry and mechanical ingenuity. An inspection of this institution must prove of interest to any one, and the student could find enough in its various processes to keep him busy half an average life time.

Some New Things

In the making of the bond and letter and envelope papers of the highest grades, which is a new line in this institution, and which gives great promise, a percentage of balm wood or cottonwood is being used. Little of this wood had been used here up to a very short time ago.

Alkali-proof soap wrappers, both the inside and outside wrappers, are being made in considerable quantities now, and shipped through the Panama canal as far as New York and Philadelphia.

The new bleaching plant is mentioned elsewhere in this article, and there has been erected also an experimental plant at this mill. Experiments are being and will be carried on constantly. Whenever there is any thing new in the manufacturing of high grade specialties, the Salem paper mill people will "try it once," and if it is worth adopting they will adopt it.

There is a new 72 inch Hamlet

THIS WEEK'S SLOGAN

DID YOU KNOW That the Salem paper mill, one of the most up to date paper mills in the world, has made some remarkable advances during the past year; that it has been a highly successful institution from the start; that it has added greatly to the industrial activity and prosperity of Salem and the Salem district; that it has grown constantly both in capacity and value of output; that it will continue to grow for an indefinite time; that this is one of the greatest pulp wood centers in the entire world, and there should be more paper mills here, including at least one for the making of news print, and that paper mills are among the greatest of all manufacturing concerns for helping the growth and prosperity of a city and country, bringing new money constantly from long distances?

cutter recently installed, also a brand new stack of super calendars for glassine papers, all electric driven.

Another new heater has been put in; stone roll; with lava rock from Germany. This is for the grease proof papers.

A mill making such a wide range of specialties must have a great variety of cutters and folders and appliances generally. In this respect, this mill is kept strictly up to date.

The Sulphite Plant

The Salem paper mill consists of really two plants; the sulphite plant and the paper making plant. The superintendent of the sulphite mill is J. B. Wilt. It would be impossible to give the general

reader the full details of the wonderfully intricate and interesting processes employed in sulphite making. It would take too much space (whole books are published on the subject), and many of the processes could not be grasped without a thorough knowledge of chemistry such as only few men in each country possess. But the following paragraphs will give a general idea of the sulphite plant of the Salem paper mill, in the giving of which Mr. Wilt was interviewed by the Slogan editor:

The Sulphite Mill Proper
The wood room has a capacity of 60,000 feet of hemlock or white fir in eight hours. The equip-

(Continued on page 9)

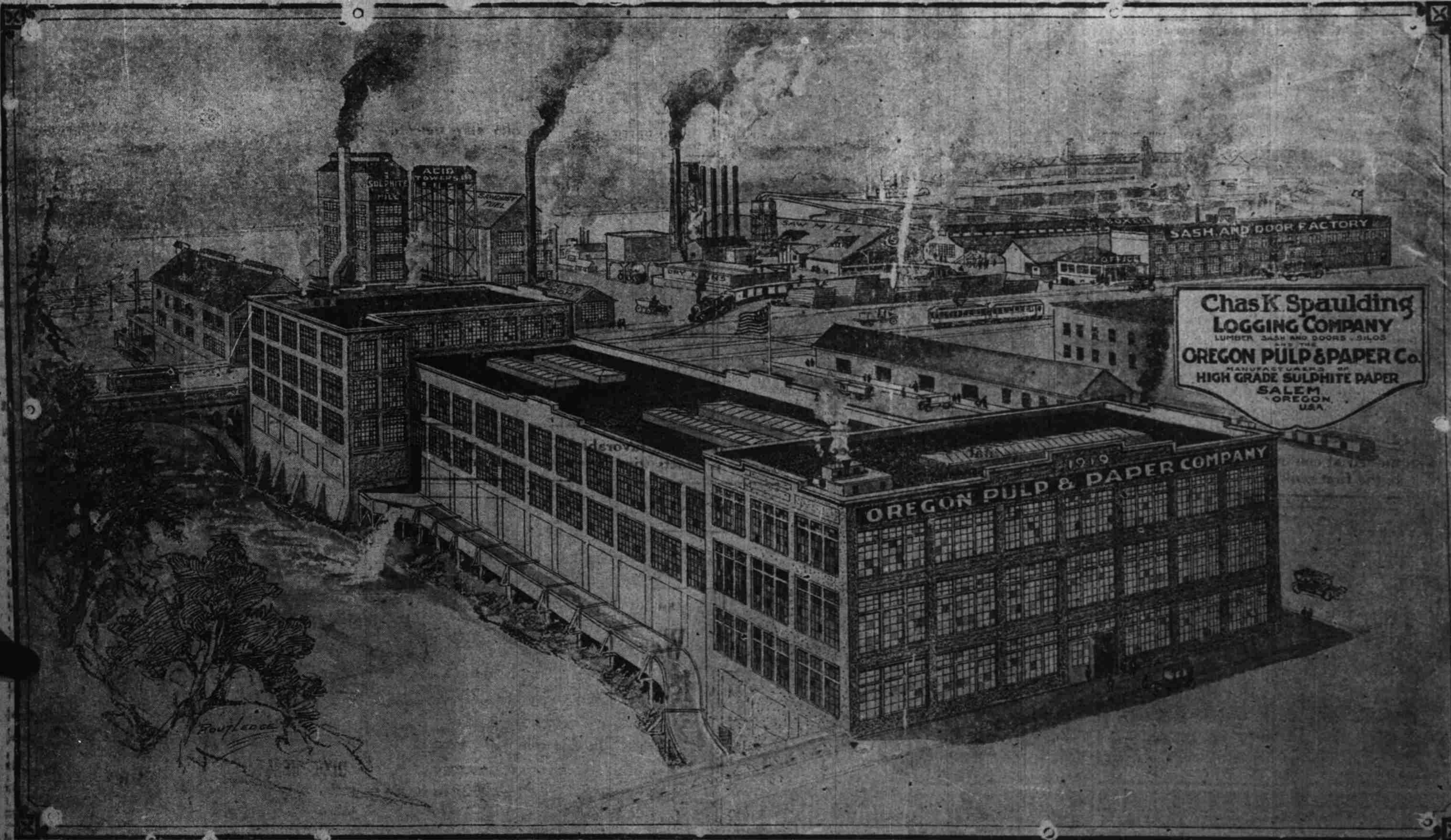
BANDITS ROB BANK

GREENUP, Ill., Sept. 23.—Four bandits held up and robbed the State Bank of Jewett, near here, this afternoon. After binding Cashier Virgil Armer, the bandits took \$1600 from the bank's vault and fled west on the National Old

Trail road. A pursuing posse found the car used by the bandits abandoned five miles west of Jewett and are surrounding a woods in which the four men are believed to be hiding.

Buy a Want Ad—It Pays Big

Salem's Big Paper Mill, One of Most Important Industries, Keeps on Growing, and will Keep on Growing for an Indefinite Time in the Future



EXPLAINING IN BRIEF THE ABOVE PICTURE OF SALEM'S NEW PAPER MILL

THE paper mill occupies all the space between Trade street and South Mill creek, from South Commercial street west to the bank of the Willamette river.

Next behind the South Commercial front is the main machinery room, showing in the picture two stories, with a high foundation. Back of that, showing four stories high and basement, the largest of the three paper making machines is located, in the upper story of that part; but an extension was built running clear over and across South Mill creek. This extension does not appear in the picture, as the picture was made from the original drawing. The second paper making machine is also in the third story of this part of the main machinery building.

Then comes the Oregon Electric track, running onto Front street — and Trade street from Front to the Willamette river has been vacated in order to give room for the boiler room, shown in the rear, and other buildings, including the connections between the plant of the Chas. K. Spaulding Logging Co. and the paper mill plant, for conveying saw dust and other fuel, etc. In the extreme rear of the paper mill plant the reader will see shown the saw dust and fuel warehouses, the acid towers, the sulphite mill, and, right down at the river's bank, the wood rooms and warehouses, where the pulp wood is barked and chipped and ground ready for the "cooking" process. Over to the north of the paper mill plant, from Front street to the river, and for several blocks down the river, north, are the dry kilns, sawmill, office, box factory, sash and door

factory, lumber yards, etc., of the Chas. K. Spaulding Logging Co. Railroad tracks run along side of and into those plants. Down Trade street, from Commercial, clear to the river's bank, between the various buildings of the paper mill plant, the Southern Pacific railroad company has its track; a double track west of the line of Front street. The steel wagon bridge across the Willamette river is shown in the rear—and the Southern Pacific railroad bridge is just below. The filtering plant is below the Oregon Electric track, shown with car. A steamboat is shown in the Willamette river. So these great concerns have both water and rail connections, right to their doors and through their plants. To the south, across Mill creek, the company owning the paper mill has a considerable acreage of vacant property; available for extensions.