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Coos Bay Times

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VOL. 11

MEMBER OF ASSOCIATED PRESS
THE COOS BAY TIMES, SATURDAY, FEBRUARY 29, 1908.

No. 201.

THE WHEELS START WHIRRING IN C. A. SMITH MILL TODAY

A Manufacturing Institution That Will Be an Important Factor in the Development of the Resources of Coos Bay, and a Stimulant to Its Commerce.

IS A MARVEL OF MECHANISM IN AUTOMATIC MACHINERY

Conceived and Built on the Broad Modern Plans For the Institution of Economic Methods in Manufacture. It is the Model Sawmill of the World.

- ◆◆◆◆◆ BUILT THE MILL ◆◆◆◆◆
- ◆ Commenced driving piling for dock April 15, 1907.
- ◆ Commenced to Frame Mill June 18, 1907.
- ◆ Raised first post July 17, 1907.
- ◆ Mill under cover September 9, 1907.
- ◆ Engines started first February 15, 1908.
- ◆ First sawing done February 29, 1908.
- ◆◆◆◆◆

WHEELS were turned today for the first time in the actual operation of the new mill of the C. A. Smith Lumber & Manufacturing Co., on Coos Bay. It will require some days for the adjustment of the vast amount of machinery all of which is new and made especially for this mill and some of it the first of the kind ever installed in any sawmill in the world. This mill is unique and stands by itself in these adjuncts to economy in methods of production and conservation of materials. It has been pronounced by expert and experienced saw mill men to be the best mill on the Pacific coast, if not in the world. Not the largest, but the best—a model of its kind. In no other saw mill in the world is there as many automatic machines for handling the timber in the process of manufacture or for careful economy in the utilization of all the raw material as it is transformed into the finished product. Mr. C. A. Smith threw a strong sidelight on the methods by which this result was achieved when he stated that while the mill had been in course of actual construction less than a year he has been engaged in building it for a period of six or seven years. It embodies all the practical ideas of his life long experience and study of the lumber manufacturing industry. In it he has been successful, and the Smith mill may be regarded as the chef d'oeuvre of his life work to

Mereen, the general superintendent of the mill, The Times reporter made an inspection of the entire plant. One's first impression, once inside, is the careful utilization of space rather than mere vastness, a suggestion of which is given in the statement that more than five million feet of lumber alone were used in its construction, and a total of 35,000 piles, ranging from 24 to 60 feet, or a total of 140,000 lineal feet were utilized. More than a car load of belting, 6,500 lineal feet—more than a mile long—and ranging from 6 inches to 4 feet in width, is required to drive its machinery.

The mill proper is 402 feet long and 68 feet wide. It consists of two floors with an overhead filling room of large proportions in which all the saws are filed and sharpened with automatic filing and setting machinery. There is also an overhead visitors' gallery in which visitors may approach near the various machines and get a close and excellent view of their operation.

The machinery on lower floor of the mill is constructed of very heavy timbers which carry the shafting and machinery. These timbers which are built into the main frame of the building form a half story with a walk-way for the convenience of the workmen. The strength secured by connecting this half story of the machinery timber with the main frame prevents vibration and adds to the solidity of the structure.

The main shaft is 9 inches in diameter at the driving pulleys and extends through the mill dropping to 6 inches at the extreme end. All of the machinery is constructed in like proportion to the mill in strength and finish. There is one 10-foot band mill, one 9-foot double cut band mill and one gang consisting of five band mills arranged tandem. There are two edgers, one slasher and two 40 foot automatic trimmers.

One side of the mill is arranged to handle logs of any size and up to 89 feet long. All the machinery is of the

A FEW FACTS ABOUT THE MILL

- No. feet of lumber used in construction 5,000,000 feet
- Total weight of machinery 5,681,848 pounds
- No. small railway cars 1000
- Total number square feet under cover 168,803
- Mile railway track around mill 15 to 20
- Belting to drive machinery—1 car load—more than a mile long
- Large boilers 8
- Total horse power of engines 2000
- No. piles driven 3500
- Weight of foundation power house 700 tons
- Has its own electric light plant with a capacity for 1400 16-candle power lights.
- Has its own Fire Department and Fire System.
- Has its own club house for employes.

the only two in operation in the world. It consists of five band saws arranged tandem that take a log and cut it in five pieces of various thickness at the same time thus increasing the production five times in a given period. The machinery is so arranged at this point that the lumber needed with a pipe leading to the will go direct to either of the edgers or to either trimmer from the band gang.

The trimmers are located on either side of the mill, and consist of 21 circular saws arranged to be handled with levers by an operator in an overhead gallery, the entire operation otherwise being automatic.

The Lath Mill.
The lath mill, box and wood departments are located in a wing of the mill 178 feet long and 40 feet wide adjoining the trimmers. Here a manufacturing system, and one originating with the C. A. Smith Company, and entirely new on the Pacific coast, has been inaugurated. The machinery, much of which originated with and is patented by the company, was entirely built by a branch of the C. A. Smith Co.

It consists of two horizontal band saws, which is the first process of making lath, two edgers and a trimmer. The method employed is to first transform the stock into % boards on the horizontal bands and then edge to 1 1/4 inch through the edgers which are arranged in a gang of nine 16-gauge circular saws 1 1/2 inch apart. The stock to and from the machines is handled entirely automatically, making the operation very simple and the work much lighter than in the usual process.

The Wood Department.
The wood department which is an important feature of the business adjoins the lath mill and occupies the same section of the building. The wood is cut into 16 inch and 4 feet lengths and is carried automatically

THE MEN BEHIND THE MILL

- ◆ The following is a complete list of the executive and office force of the C. A. Smith Lumber & Manufacturing Co., on Coos Bay:
- ◆ President, C. A. SMITH.
- ◆ Vice-President and General Manager, J. E. OREN.
- ◆ General Superintendent, ARNO MEREEN.
- ◆ Head Bookkeeper, D. A. ALLISON.
- ◆ Assistant Bookkeeper, A. N. LOGGREN.
- ◆ Stenographer, W. J. CONRAD.
- ◆ Purchasing Agent, A. E. FISKE.
- ◆ Commissary Department, L. W. HOHNBERG.
- ◆ Mechanical and Manufacturing Department.
- ◆ Superintendent—A. Demangeon.
- ◆ Chief Engineer—James Bennett.
- ◆ Engineer Bay City Mill—A. H. Stuttsman.
- ◆ Sawmill Foreman—George Rourke.
- ◆ Machine Shop Foreman—Frank Aekley.
- ◆ Yard Foreman—B. Magnuson.
- ◆ Planing Mill Foreman—A. J. Carlson.
- ◆ Boom Foreman—W. Varney.
- ◆ Timekeeper—C. H. Lowrey.
- ◆ Timekeeper, Bay City Mill—John A. Daniquist.
- ◆ Retail Department.
- ◆ Manager—R. K. Booth.
- ◆ Bookkeeper—David Nelson.
- ◆ Foreman—Ole Johnson.
- ◆ Logging Department.
- ◆ General Manager—A. H. Powers.
- ◆ Bookkeeper—G. A. Brown.
- ◆ Construction of Mill.
- ◆ President, C. A. Smith.
- ◆ General Superintendent, Arno Mereen.
- ◆ General Manager, J. E. Oren.
- ◆ Master Mechanic, J. E. Stack.
- ◆ Assistant Mechanic, N. Roy.
- ◆ Scratcher, Roy Morrill.
- ◆ Chief Engineer, James Bennett.
- ◆ Draughtsmen, B. B. Ostlund.
- ◆ H. M. Webber, E. Stack.
- ◆ Assistant Civil Engineer, C. H. Jenkins.
- ◆ Superintendent, A. Demangeon.
- ◆ Sawmill Foreman, A. E. Gagnon.

ing performed by the simple shifting of a lever.

The Power Plant.
The boiler plant consists of a battery of 8 boilers. This battery is subdivided into two batteries of 4 boilers each with a Dutch oven and equipped with the automatic feeding conveyors. The smoke stack is built between the two batteries and is supported on its own foundation. It is 9 feet in diameter and 116 feet high with a 12 foot spark arrester.

This room, 77 1/2 feet long by 23 feet wide, is built of solid concrete and steel and may be said to be absolutely fireproof, there not being a stick of wood in it except the narrow bands on the window sashes. Here too there is an innovation in

(Continued on page 4.)

TO BREAK OFF WITH UNIONS

D. and R. G. Road Will Not Recognize Affiliations After Fourteenth of March.

(By Associated Press.)
DENVER, Feb. 29.—The News today will say: "After a conference with General Manager Ridgeway of the Denver & Rio Grande, the committee from the machinists employed by the system was informed that the company will abrogate its contract after March 14. Thereafter it will not recognize the machinists, blacksmiths, car repairers or boiler makers' unions. The committee will immediately submit the question to a referendum vote of all the employes belonging to those unions who are employed on the Gould roads. It is claimed that the men will not submit and that a general strike on all the Gould roads, except the International and Great Northern, is imminent. The company also announced yesterday there would be a reduction of the wages now paid telegraph operators."

MARSHFIELD LOSES TO GRANT'S PASS

(Special to The Times.)
ROSEBURG, Feb. 29.—Marshfield was defeated by Grant's Pass in this city Friday night in the debate for the deciding of the championship of the southern district of the Oregon High School Debating League. The decision of the judges was unanimous.

The Oregon High School Debating League is divided into four districts, north, east, west and south. The winner of Thursday night's debate will in June meet representatives from the other three districts, the debate to be held in Eugene.

Lutheran—Sunday school at 9:30 a. m. Service at 10:30 a. m. with communion service. Young People's Society at 6:30 p. m. Evening service 7:30. Preaching at Eastside 3:30 p. m. Rev. B. F. Bengtson, pastor.

Christian Science.—Services will be held in the Masonic Temple Sunday, 11 a. m. Subject, "Christ Jesus." All are cordially invited to attend.

First Methodist Episcopal—10 a. m., Sabbath school, E. L. Church, superintendent. Missionary Sunday, 11 a. m., sermon, subject, "Strength Renewed Today." 3 p. m., Junior League, Miss Nettie Woolley, superintendent; 6:30 p. m., Epworth League, Franklin C. Birch, president. A cordial invitation is extended to all to attend these services, who are not obligated elsewhere. There will be no services in the evening at this church, the congregation joining with the Salvation Army in their services at the opera house. W. R. F. Browne, pastor.

First Presbyterian Church—Sunday school convenes at 10 a. m., for the study of the Bible. Strangers in the city are cordially invited to spend this hour either with the adult Bible class or the Young Men's Bible class conducted by M. C. Horton. At the morning service at 11 o'clock the pastor will make a short address preceding the administration of the sacrament of the Lord's supper. The ordination of M. C. Horton to the office of ruling elder will also take place at this service, together with the public reception of new members. Special musical feature, "Love Not the World," from Sullivan's "The Prodigal Son," will be sung by Miss Lillian Hall. The Young People's meeting will be held at 6:30 o'clock, and will be conducted by Miss Fischer; the topic is "How God Leads Men," Ps. 23. The evening service will be omitted in order to unite with the special services at the opera house conducted by Brigadier Jenkins and his staff of the Salvation Army. All Christians, irrespective of denomination, are invited to join with us in observing the Lord's supper. H. H. Brown, pastor.

SAN FRANCISCO BUILDING WORK
(By Associated Press.)
SAN FRANCISCO, Feb. 29.—Since the great fire in 1906, building permits to the amount of \$97,000,000 have been issued in San Francisco.

MURDER ENDS TURF CAREER

Young Widow Shot Dead by Race Track Man in Los Angeles House.

(By Associated Press.)
LOS ANGELES, Feb. 29.—A quarrel over financial matters is accepted by the police as the most likely origin of the murder committed early this morning, when Mrs. Charlotte Noyes, a mining engineer. McCormas states her apartments with W. P. McCormas, a mining engineer. McCormas states the woman attempted to throw a cup full of sulphuric acid in his face and he shot her in self defense. He exhibits acid burns, but the police believe McCormas applied the acid himself.

Later.
(By Associated Press.)
LOS ANGELES, Feb. 29.—Detectives searched the elaborately furnished apartments of Mrs. Noyes and discovered a sheet of paper, presumed to contain an account of the operations of McCormas and Mrs. Noyes of the race track. It showed heavy winnings up to two weeks ago, but total losses recently, all seemingly in the past few days, amounting to between \$3,000 and \$5,000.

ANOTHER BOMB EXPLODES.

Two Laborers Are Killed in the Streets of Teheran.
(By Associated Press.)
TEHERAN, Feb. 29.—A bomb exploded in a side street of this city today killing two laborers. The city will be illuminated tonight in celebration of the escape of the Shah from yesterday's attempted assassination.

AMERICAN FLEET AT CALLO.

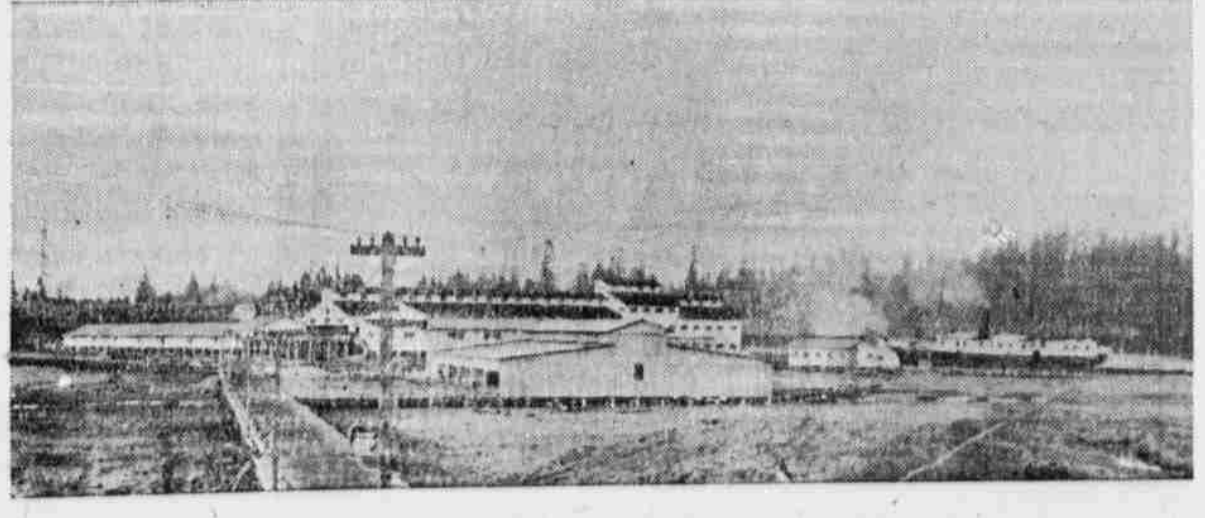
Bob Evans' War Dogs Are Reviewed By President of Peru.
(By Associated Press.)
CALLO, Peru, Feb. 29.—The fleet of American battleships under Rear Admiral Evans pulled for the north this morning. The fleet was received in the harbor by President Pardo.

North Bend's Minstrel Show—That minstrel show in North Bend Monday night still continues the subject of discussion. There's some curiosity as to how Charles Keane will perform in female dress. Charles has proven his infinite variety in many lines, but confesses to a feeling of timidity at trespassing in the realm of woman. He will grate, pironette and coquette as the "Bowery Belle" Monday night.

Mrs. Geraldine Morris has returned to Marshfield and reopened a stud for Vocal Culture and will be happy to see her old friends and pupils at others interested. Rooms in the Nassburg Block, up stairs.

SMITH'S CAPE.

Dinner Sunday, 11 a. m. to 3 p. m.
MENU:
Soup,
Cream of Celery,
Fish,
Boiled Halibut, 25 Fried Smelt, 25
Fried Clams, 25 Fried Salmon, 25
Cracked Crab Mayonnaise, 25
Boiled.
Boiled Tongue a la Creole, 25
Pickled Pig's Feet, 25
Cold Boiled Ham, Potato Salad, 25
Entrees.
Stewed Breast of Spring Lamb and French Peas, 25
Braised Domestic Duck, Master's Style, 50c
Chicken Entree, 25
Roasts.
Prime Ribs of Beef au Jus, 25
Extra Cut same, 25
Roast Pork and Apple Sauce, 25c
Roast Domestic Duck, 25
Spring Lamb and Jelly, 25
Veal and Potatoes, 25c
Veal and Potatoes, 25c
Veal and Potatoes, 25c
Green Onions, 25c
Celery, 10c
Lobster Salad, 25c
Pessier,
Apple, Mince Lemonberry, and Lemon
Tapioca Cakes
Today's advertisement of "today's"



VIEW OF C. A. SMITH MILL.

the present time. It is a plant that in the ordinary course of construction would have taken two years to complete, but the systematic and intelligently directed efforts of carefully matured plans resulted in its completion in less than half that time so that in this matter it also establishes a new record. Nor has this result been obtained by any less careful attention to every detail. It has been conducted with all the care, for solidity and substantiality in all its parts that its founder had in view when he said the Smith mill was being built for the future as well as the present.

Description of the Plant.
Under the direction of Arno

Mills make and is of strong
The ten foot band saw is arranged to handle the largest and longest logs. It is equipped with the Tru power set works, and the log is cut with the Simonson log turner and Thomas log stop. The double cut is arranged with two Hill centers, one in front and one back of saw so that logs may be handled from the log deck and cuts may also be handled from the 10-foot band mill. The purpose being to use the rig more as a resaw taking cuts from the 10-foot band mill and preparing same in smaller parts for the band gang.

The five band gang mill is entirely new on the Pacific coast and is one of

over openings in the floor called drops where it falls into cars to be carried to the yard and piled for drying. The 16 inch wood drops into racks carried on cars and these racks are so arranged that without handling they can be taken to retail yards and hoisted direct to wagons for delivery.

From this section of the mill there are also automatic conveyors that carry all the trimmings and saw dust to the crusher where it is ground fine to be used for fuel in the boiler room. It is also carried automatically in pipes that are so arranged that a separate pipe runs to each boiler for an automatic feeding of the furnace, the fireman's work be-