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(Continued from page 1)

found between the ending of one story and the beginning of the next. In this way the page is made to present a uniform appearance at the bottom.

The forms, when complete, are placed in the press, and the papers are printed, taken to another part of the plant, folded and assembled, and are then ready for distribution.

Two persons are employed on the mailing and four on the mechanical end of the staff. During the early part of the week the staff is busy assembling the material for the four papers, and on Wednesday the real work of publishing begins.

The entire force is kept busy all day and night from Thursday morning to Friday morning, when the papers must be mailed.

For the information and knowledge gained during the visit to the plant, and for the refreshments which were a part of the program, the students are grateful to the publishers and employees of the

Enterprise, whose courtesy and co-operation made the project a success.

Lewis T. Poole

The junior English class of the Beaverton high school made a trip to the Beaverton Printing Office, Wednesday, November 16th, for the purpose of getting information as to how a newspaper is made.

One of the leading men, well experienced in this line of work, of the Beaverton Printing office, explained the different steps, that a newspaper goes through, before it is printed.

The first machine explained was the linotype, which is the first step toward the printing of a newspaper. The word linotype means a "line of type." The linotype is a large machine. The front of this machine has a keyboard similar to that of a typewriter, and serves the same purpose as a typewriter.

This machine produces stereotyped lines or bars of words as a substitute for typesetting. It uses matrices or molds, which are stored at the top of the machine and fall into the holder as the operator presses the keys. When there are plenty of matrices to make a line, they are received in a holder, the metal is then carried by a machine to make a complete line. The lines are afterward set up in the form used in the printing. Then the lines, or slugs are again melted to be used over again. A slug is a solid type set by the linotype machine. Ten columns of slugs are set in one day. The metal used in making the slugs consists of lead, tin and antimony—this metal melts at about 500 degrees F.

The next step that was shown to the class was how a copy of the paper is taken from the slugs. The slugs are set in the negative, inked, then the sheet of paper is laid on this, and by this method a copy of the paper is printed.

The type differ in width according to the letter but the letter M, which is the most square is used as the standard in measuring the amount in any form.

Before the point system came into use (this is the system now used) the sizes of the letters were called by name. For instance, the Diamond, which is 5 points, and the nonpareil which is 6 points, is not called by name anymore, since the point system was adopted and is still used in place of the name.

The pica type, which is 12 points, is a unit, and is equal to one-sixth of an inch.

A square that is eight points each way is called the 8 point em. There are nine eight point ems to an inch, so a square inch has 81 ems.

The letter E is given the largest part of the lower case type cast. The letter M comes next and the other letters come in the following order: N, H, O, etc.

We were then shown the newspaper printing press which is the last step in the making of a newspaper. The printing press is a large machine similar to a mimeograph. A sheet of paper is put on a big roller and goes thru the press and comes out in another place printed. The type is inked by smaller rollers.

In setting hand type, the printer's stick is used. This is a holder used to assemble the various letters and characters together to form a line. Twenty-two pages are printed each week by this office. Before the paper is printed, the type is set on the linotype machine and is then proofed and sent to the proof-reader, the form is made up, and ready to put to press.

The four newspapers published in the Beaverton Printing Office are: Beaverton Enterprise, Tigard Sentinel, Multnomah Press, Aloha News.

Mary Myers

It happened last night when Mr. I. R. Careless lost complete control of his Ford car. It ran up on the sidewalk and smashed thru a huge plate glass show window finally stopping in front of the notion counter in the 5, 10, and 15 cent store. Nobody was killed or hurt but the candy was damaged that was on display in the show window. A counter of winter hats was also dislocated.

Reporters rushed to the store, gathered me up and took me to

the office of the Beaverton Enterprise to be printed as news. When I got there a man came up to the reporter, said something I couldn't understand and then took me over to his desk. Here I was corrected by him and after he got done he took me over by a big machine called the linotype and hung me on a hook.

From my place on the wall I could see the linotype working and knew that I would soon go through it. Just then a man arose from his chair, came over and took me from the wall. I was put on a rack and punched off on the keyboard of the linotype. As the operator punched a key a small piece of metal with the letter on it would fall in place from a magazine where they were stored. This was to give the operator a chance to see his mistakes if he made any. Then a big arm came down, took these letters and distributed them back in the magazine. In back of the linotype was a pot heated by gas and filled with pigs of metal which weigh about three pounds each and composed of lead, tin and antimony. This metal is heated to liquid form and some of it is run into a mold and I am cast into type form. I then come out in the form of a line of type. I am surely glad that I got thru the machine safely as they treat you quite rough in there.

The man that always stood over by the desk in the center of the room came over and put me in a "galley" which is about 20 inches long. Here he corrected me and found only one slug that had a mistake in it. This was returned to the linotype and re cast. It was returned and placed in its proper place.

Now I am all ready to be printed but I must wait until the rest of the news is done before I am printed. Here is the last of the news and we are put in a form to keep us together when we are printed.

Here we are at the press. We are laid down and rollers covered with a thick black ink roll over us giving us a black coat. We all wait to see what happens next. Then paper comes along and we are printed onto it. The paper is then laid out on a rack where it is folded. This process is just like a mimeograph on a larger scale. When we get thru this machine we are about all worn out but it wasn't as bad as the linotype.

We are then tied together ready for the newsboys to deliver to the lucky people who subscribe for the Beaverton Enterprise.

Manson Bennett

M. E. Church Christmas Program Given Friday

The Methodist church gave a Christmas program Friday evening. The program was as follows:

Orchestration
Song choir (Joy to the world)
Scripture reading
Invocation
Vocal duet.....Helen Cavaness and Lyle Walker
Recitation.....Dorothy Goddard
Song (double quartette)
Recitation.....Burrell Goddard
Recitation.....Elizabeth Sams
Song Choir (Praise Him) ———
Solo.....Marjorie Roseman
Exercise.....Mrs. Roseman's class
Recitation.....Charlotte Roseman
Recitation.....Lorena McLeod
Recitation.....George Milne
Solo.....Helen Sundberg
Recitation.....Emma Clement
Recitation.....Helen Milne
Trilo.....Mrs. Cavaness class
Orchestration
Song.....Mable Sundberg class
Ladies' quartette
Recitation.....Marie Sams
Violin duet
Solo and chorus (Holy City)
Male quartette
Solo.....Mrs. Roseman (composed by Mr. Roseman)
Pantomime.....Mrs. Coffield's class

BEAVERTON, OREGON,

Mr. and Mrs. Doy Gray and family were Christmas dinner guests at the F. E. Eiler home in Portland.

Mr. Welsh has gone to Quebec, Canada for a short visit in the home of his father and mother.

Mr. and Mrs. H. O. Stipe are moving into the Henry Watts house.

Wednesday, John Gray was a member of a party of young people who spent the day at Mt. Hood enjoying the winter sports.

Mr. and Mrs. John Summers and Mrs. Marcia Pike had Christmas dinner with Mr. and Mrs. John Henry of Portland.

Jackie Marsh was quite ill for several days last week.

Walter Van Kleek is confined to his home with diphtheria.

Ester Berger won the drawing prize offered by the Oregon Farmer.

Mr. and Mrs. M. C. McKell entertained Mr. and Mrs. Will Young and son, and Mrs. Lurina Davis and

daughter, Mrs. F. G. Donaldson at dinner Sunday.

Ralph Watts former resident of this place was visiting in Beaverton last week.

Mr. and Mrs. W. R. Petch entertained the following guests Sunday. Mrs. Gibson of Newberg, Mr. and Mrs. Cane and Percy and Florence Cane.

The Thrift store is advertising a pre-inventory sale. Stock taking commences Monday morning.

Mr. and Mrs. J. E. Stephens were guests of Mr. and Mrs. J. W. Clock, of Portland, on Christmas.

Mr. and Mrs. Hazel Faxon, of San Francisco visited with Mrs. Faxon's father, W. E. Pegg over Christmas.

Mr. and Mrs. John Yeager and family spent Christmas with J. Yeager Sr. and family in Portland.

Misses Roberta and Georgina Haulbeck spent Wednesday with their grand-parents.

Mr. and Mrs. Lewis Allyn spent Christmas with the H. R. Nelson family.

Victor Emmons of the Union Oil Co. is suffering with an attack of lumbago.

I. E. Berst is quite ill.

M. E. CHURCH

Sunday Jan. 1, 1928—We wish you all "A Happy New Year."

Sunday school at 10:00 a. m. Edward D. Roseman Sup't.

Morning worship at 11:00 a. m. Epworth League at 6:30 p. m. Evening worship at 7:30 p. m.

There will be a 15 minute song service, at the beginning of the evening service come and "enjoy the singing, and join with us in the worship in all these services. Start the New Year right, by going to Sunday school and church. Come, and a welcome to all. Prayer meeting Thursday evening at 7:30.

W. Edwin Ingalls, Pastor.

Now— by Rail or Highway

—luxurious motor-coaches
supplementing Red Electric
and steam train
service in Oregon

New convenience for travelers to Portland and intermediate stations. Deluxe, silver-gray motor coaches in daily service, operated by Southern Pacific Motor Transport Co.

Motor coaches are of latest design, with every modern improvement for your convenience and comfort. Also serves Pacific Highway points between Portland and Ashland via Corvallis, Eugene, Roseburg, Grant's Pass and Medford.

Get your copy of the new time-folders showing complete Red Electric and motor coach service.

Southern Pacific rail tickets are good on these motor-coaches.

Southern Pacific

C. E. ALLEN, Agent

Paul C. King, the United Christian Endeavor society Pacific Coast secretary, will speak in the Bethel Congregational church on January 5.

MULTNOMAH

There were 24 members of the Beginners' class of Multnomah Community church present with their mothers at the Christmas party given in the church Wednesday be-

fore Christmas, under the direction of Mrs. William C. Hurn. Several children from the Cradle Roll were also present with their mothers. Twenty-two of the children spoke pieces, which is rather unusual for such young children. There was a tree and other decorations. Refreshments were served and they were all given a Christmas treat.

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B. K. DENNY, V-Pres.
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K. L. DESINGER, Asst. Cashier
F. W. LIVERMORE, Jr., Asst. Cashier

CAPITOL THEATRE

"THE HOUSE OF GOOD SHOWS"
MULTNOMAH, OREGON BR 9899-R-5

Show begins 7 to 9 p. m. Sunday continuous 2:30 to 11 p. m.

Saturday, December 31

Buck Jones in
"BLACK JACK"

Sun.-Mon.-Tues., Jan., 1-2-3

Alice Perry in
"GARDEN OF ALLAH"

Wednesday, Jan. 4

Margaret De Motte and
Rob Lewis in
"HELD BY THE LAW"

Thurs.-Fri., Jan., 5-6

Rin-Tin-Tin in
"DOG OF THE REGIMENT"

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Beaverton Res. 3602

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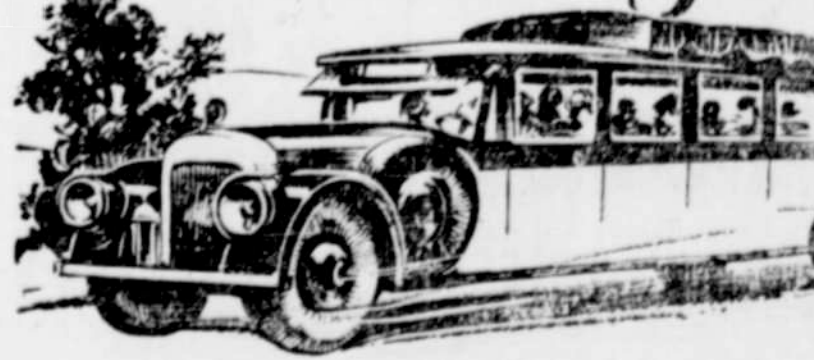
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FARE TO
PORTLAND

20c
PER TRIP



AGENTS

J. E. Hatch Drug Store
R. E. Hanna, Whitehall's Confectionery

Beaver Theatre

Beaverton, Oregon

Tonight and Sat., Dec., 30-31

J. J. Jeffries, ex-heavy champ
with Monte Blue in
"ONE ROUND HOGAN"

Comedy—"Helen of Troy, N.Y."
Sun.-Mon.-Tues., Jan. 1-2-3
"The Great Mail Robbery"

dedicated to Col. Lindbergh
and based on D'Autremont
train robbery at Siskiyou
Tunnel.

Theatre Closed Wed. and Thurs.

Coming Fri. and Sat., Jan. 6-7
Tom Mix in "Canyon of Light"

"A stitch in time saves nine"
"A patch in time may save—
embarrassment"

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or some kind of tailor-
ing done Call at

H. A. NIERGARTH
The Beaverton Tailor

or Phone 2503

We close from Friday Sundown
to Saturday Sundown
open Saturday night



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individual stockholders,
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to fulfill. That is to
serve to the best of its
ability the territory in
which it operates.

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of the

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Better go and see for yourself