

# THE HAVRE HERALD

VOL. 3, No. 1.

HAVRE, CHOUTEAU COUNTY, MONTANA, FRIDAY, JUNE 8, 1906.

\$2.00 PER YEAR.

## HOW THE HERALDS ARE MADE NOW.

In commemorating the passing of a birthday old customs allow many excesses and as The HERALD this week enters upon the third year of its existence the management feels licensed to the use of some news space to telling of the evolution which has taken place since September 26th last, when the present owner obtained the paper by purchase. At that time the plant consisted of a job press, 10x15 inches, a few stands of type and stones and its capacity was was then an eight page four column sheet, printed one page at a time on the job press.

Having adopted the county of Chouteau as his home in the spring of 1890, the new purchaser had unlimited faith in the future greatness of this great undeveloped district and in the natural and unassailable position of Havre as the metropolis of this country. Then believing that there was room for another up-to-date, progressive news paper, he started to build up and equip a plant which should be second to none and of a capacity to handle any class of work. This has now been accomplished and THE HERALD plant, without reservation is the most complete in the country east of Great Falls to the Dakota line.

The first addition to the plant was a newspaper press and for this purpose we selected a two revolution Potter, two roller job and newspaper cylinder press, with rack, screw and table distribution, air spring and rear tapless delivery, weighing 12,000 pounds and capable of doing the finest kind of job work as well as newspaper work at a speed of from 1,400 to 1,600 impressions per hour. This press is large enough to print a seven column paper or an addition of one column to each page of the present size of THE HERALD. The following picture will give our readers some idea of the press.

For power we have a three-horse power upright International gasoline engine which is used during the day shift, and in addition we have the plant so arranged that it can be run at night by electricity from a motor recently installed by the Havre Electric Co.

Among other improvements 1

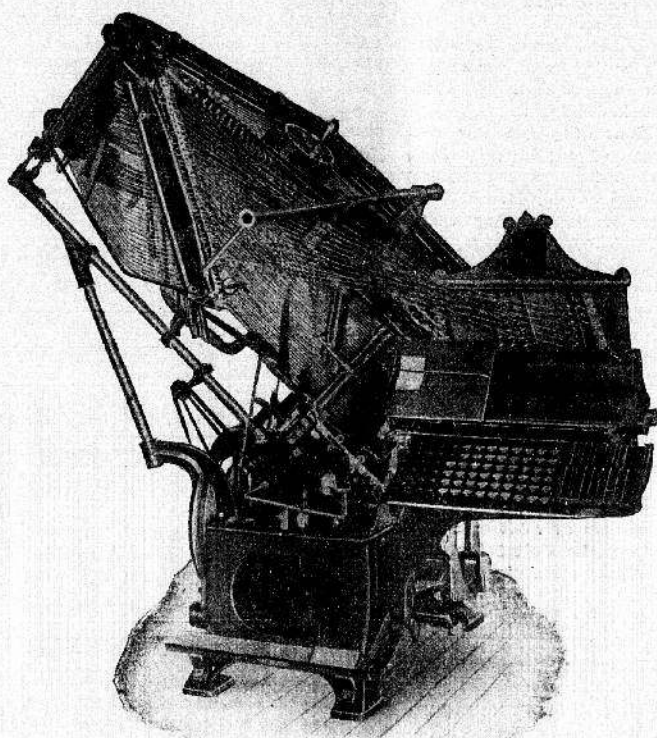
a Twentieth Century model Eclipse newspaper folder which will fold, paste and trim a 6 or 7 column quarto and insert four pages into either size, making a twelve page paper complete.

We next installed several smaller machines, indispensable in doing the rush of commercial work, viz: stapling machine, a perforator and a numbering machine. Also adding type rules, borders and materials of this class to complete the plant.

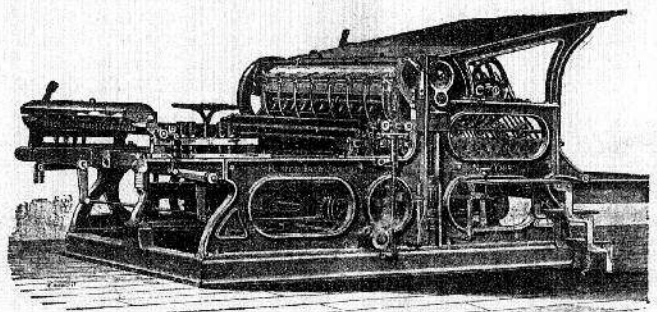
Several months experience in making THE HERALD by hand composition demonstrated the hopelessness of a waste of setting type by hand and we finally placed an order with the Mergenthaler Linotype Manufacturing Co., of New York for a Junior Linotype machine and this machine arrived and was installed the second week of the month just passed.

The new machine embodies in its equipment the famous linotype features of composition, justification and distribution by a single operator and assures a bright, new face for each issue. It is guaranteed to set 3,000 ems per hour of ready-to-print, non-pliable matter from metal in the pig and is an absolute guarantee against the exhaustion of type, the only limit upon the capacity of the shop being the amount of metal on hand. This metal can be bought at about 9 cents, and can be used over and over again, whereas, type for hand composition costs about 65 cents and is constantly wearing and breaking. It entirely does away with composition as the slugs, once used are thrown back into the pot and remelted.

This machine is the outcome of experiments extending through several years with machines of various forms, in the endeavor to meet all the requirements of the small office. Metal matrices are assembled in lines, with justifying wedges, and presented to a mold in which the slug are cast from molten metal. It is exceedingly simple, its parts are all accessible, and it can be erected, operate and cared for by any person of ordinary intelligence. The operations are all automatic. One person only is needed to operate it. The operator has only to finger, with easy touch, the



The above is a View of Our New Mergenthaler Junior Linotype.



Our two Revolution Potter Press.

keys representing the various letters. The justification of the line, the casting, trimming and assembling of the slugs, and the distribution of the matrices all take place mechanically. They do not require any stoppage of composition or any attention on the part of the operator. One line is cast and delivered while the operator is manipulating the keys to compose the next line.

The matrices, each representing one letter, and the spacing wedges, are each attached to the lower end of a thin blade or shank having an eye at the top, as in the Rogers Typograph, produced some years since.

The matrices and spacers are suspended from and arranged to travel on inclined stationary endless wires or guides on which they move always in the same direction, singly from the storage points to the place of assembling or composition, thence as composed lines to the casting mechanism, and finally rearward and around to the starting points. There are as many guides as there are letters in the keyboard, one for each letter, and all matrices bearing the same letter are suspended from one and the same guide, on which they remain perpetually, traveling 'round and 'round as required. For a portion of their length the guides are all arranged in two parallel vertical ranks, in order to guide the composed lines of matrices between them to the casting point, and thereafter to the rear for distribution. Beginning at the upper rear ends the guides separate sideways as they approach the front, so that the composed line in descending from the rear will be broken up and the matrices distributed to their respective guides on which they slide down until they are arrested and held in groups by escapements connected to finger-keys.

From the escapements the guide continue forward and downward converging lines, so that as the matrices and spacers are released one at a time, in the order required, they will slide down to the front and be assembled in line. The casting mechanism is located on the right side of the machine, and consists of a swing

plunger, to deliver the molten type metal into the back of the mould. This pot may be heated by gas or gasoline. After the line is composed, a finger traveling on an endless guide pushes the matrix line around in front of the mold, and the casting of the slug takes place during the composition of the next line. As soon as the slug is cast the finger pushes the matrix line upward to the rear ends of the guides on which the matrices, sliding down individually, are distributed and returned to the rear ends of the groups, where they remain until again called for to perform as members of succeeding lines. The mold containing the slug swings forward away from the pot past a knife, knife which trims the base of the slug, so that it is exactly type high; the mold comes to a stop, and an ejector pushes the slug out between two knives into a galley.

It will be noticed that the matrices remain constantly on their fixed guides, and that they cannot be misplaced or lost.

On one wire special characters not in the keyboard may be introduced by hand and on the same wire thin spaces for specially-justified lines.

Each machine is fitted with matrices for Nomporell and Brevier newspaper faces, with a mould to produce six, eight and ten point slugs of 13 ems pica measure. Either set may be substituted for the other in five minutes. Change of face is effected by simply lifting out two bars, carrying the matrices of one face, and substituting others carrying the second set of matrices.

The new machine is in operation in the afternoons of each day of the week except Friday, Saturday and Sunday, and we would be pleased to show the machine doing the work of compositors any time you call.

### PIANO TUNER COMING.

Prof. Arthur Wales, the most famous of all the piano tuners, is going to be here on his regular spring trip in a week or ten days, or possibly two weeks, and will call on all who may want tuning done. Do not be misled by unauthorized persons or strangers, but wait until he comes, and get the right value for your money.

## IRRIGATIONISTS MEET AND RESOLVE

The irrigation meeting in Chinook was called to order by Chairman Newman at 2 P. M. W. B. Sands delivered a short address of welcome to the members of the Association in behalf of the Commercial Club, which the chairman replied for the Association, and then addressing the meeting stated that keeping in touch with the feeling along the valley on the irrigation question he found that a very strong feeling of dissatisfaction existed among the people along the line by reason of the slow progress being made on the construction of the Milk River project, and that the general feeling prevailed that a meeting should be called at as early a date as possible with a view of taking some action that might insure better progress on the project.

While the matter of calling this meeting was under consideration, an interview appeared in the Great Falls Leader, of Mr. Babb and Mr. Savage indicating that it would be several years before the Milk River project would be completed. This interview had a tendency to develop an unpleasant frame of mind on the part of the people who have been waiting for years for the completion of this work, and greatly added to the impatience and dissatisfaction of the state of affairs.

Mr. Newman at this time announced that a letter from Mr. Babb advised him that it was impossible for him to attend this meeting on account of the rush of work. "I regret exceedingly that Mr. Babb has been unable to attend this meeting," said Mr. Newman, "for it would give him an opportunity to add to our information and defend himself against any criticism I believe that any tendency to criticize Mr. Babb for this interview should be discouraged, because there has been a rivalry between the Sun River and Milk River projects, and it was possible that the interview has been construed as to show the progress of the Sun River project off to better advantage.

"The opinion prevailed throughout the valley that a strong effort be made to secure an additional appropriation from the government for the purpose of hastening the beginning of work

on the Chain Lakes and Dodson dams as well as on other of the diversion canals along the valley. Some have expressed themselves as being in favor of having some of the million dollars already set aside being used for the benefit of these dams, if an additional appropriation can not be secured, suggestions too numerous to mention have been made, but this meeting is well represented and competent of deciding on the best plan of action."

Senator Mahon, of Valley county, then moved that a committee of two, consisting of Mr. John Willis of Glasgow and Representative T. M. Everett, of Havre, be delegated by the Association to proceed to Washington and endeavor to secure another appropriation for the purpose of beginning work as early as possible on the Chain Lakes and Dodson dams, and to take any action advisable in their judgment for the benefit of the Milk River valley.

W. B. Sands of Chinook added that the committee should also endeavor to call the attention of the government to the inconsistency of the Niagara Falls international commission setting on the Milk River controversy, that a special commission should be appointed for this purpose; Brockway of Malta added that the inactivity on the part of the general land office by not having a sufficient number of land inspectors worked a hardship on settlers who have taken up desert claims, and proved up on same, but were unable to secure patent for their lands. Considerable debate followed and it finally being decided that these matters should be presented to the government in resolutions. The following were appointed as a committee on resolutions: Mahon, Brockway and Sands, and they reported as follows:

Resolved, That it is the sense of this meeting that the diversion of the waters that cross the international boundary line, used used for irrigation purposes, and the diversion of the waters of Niagara river are separate and distinct questions that should receive the consideration of a separate and distinct commission; and further, that

(Continued on Page Five)

## SOME JOYS OF OWNING ONE'S OWN HOME.



—Bowers in Chicago Tribune.

## EAGLES PREPARE FOR HELENA TRIP

The Eagles started earnestly at work preparing for the excursion to Helena at their last meeting Friday night and the plans were thoroughly gone over after which committees were appointed to push the preparations along and never let them lag. It is the purpose of the members of the Aerie, in which they will be backed by the entire business interest of the city, to make a determined effort to land the next state Aerie for Havre. With this purpose in sight, a large delegation, made up not alone of Eagles, but every public spirited citizen who can be induced to go, and all headed by the Citizens' band, will go to Helena on the 20th of this month, determined to move every conceivable objection and labor to secure the selection of this little city as the place for holding the state convention in 1907.

In this connection the delegation from the Havre Aerie at the last session of the State Aerie received numerous pledges of support, and

while there are some strong candidates in the field, there is every reason to hope that the promises of 1905 will be fulfilled in 1906. Let us all hope, but also it is well not to forget to hustle.

The following were appointed a committee to take full charge of the preparations: J. J. Holland, H. J. Meili, Dr. D. S. McKenzie, George M. Purnell and Judge W. B. Pyper. The following were appointed as a committee of correspondence: Ed. M. Allen, Prof. T. J. Troy and W. B. Pyper.

### MONTANA GOLD PRODUCE.

Helena, June 2.—During the month of May, the receipts at the United States assay office in this city amounted to \$195,914 in gold and \$1,152 in silver. As usual, Fergus county was the banner gold producer, with a total of \$96,256. The other contributors included: Chouteau, \$9,851, Lewis and Clark, \$35,264; Madison, \$39,075. This is a substantial gain over the corresponding month last year.

## RAIN STORM TIES UP THE RAILROAD

The storm of rain which visited North Montana beginning the first of this week has been the cause of one of the most serious troubles for the Great Northern railway and the line is in a badly crippled condition today, being practically under water from Great Falls on down into the Dakotas.

The first trouble was caused by a great rush of water from the breaking of irrigating dams about Burd and Snowden on Thursday, making a soft track. By dint of hard work this was fixed up and passenger trains Nos. 1, 2 and 3 were gotten through. Then yesterday morning an immense volume of water came rushing down Thirt Mile creek at Harlem, putting the town—or at least the north side of it—under water. The water came up to the rails of the track and large rivers flowed both east and west from the high ground on which the town is located, endangering miles of the road bed, and, but for the prompt action of the wrecking crews upon receipt of orders from Superintendent Jenks, in cutting many large holes in the road bed to relieve the pressure, there would be miles of track out this morning.

The water rose 3 feet in thirty minutes in the streets of Harlem yesterday morning, and train No. 4 which left here in the morning is still at Harlem, but will be brought back tonight if the track can be gotten in shape. A freight train left Harlem 30 minutes before the arrival of No. 4 and got through to Malta, but No. 4 could not be run beyond Harlem. Train No. 2 of yesterday came in by way of Virden and went back around by way of Great Falls. No. 4, due this morning went east over the Northern Pacific. The west bound train at Glasgow will return east today.

The track at Pacific Junction, three miles west of Havre is under water for many rods and some Montana Central tracksgone.

A special train of cabooses left at 4:30 this afternoon to meet and transfer the passengers from the Montana Central train which is stalled between Pacific Junction and Fort As-

sinboine, and just the other side of Beaver creek. A dam in Beaver creek broke and the water rose 10 feet in 40 minutes. Mr. Pat Heron had to move his family and stock to the hills and suffer considerable loss of damage to his ranch.

If the storm has run its course as is indicated this morning, it will only be a matter of hours until the track can be gotten in shape so that trains can be moved, as, while the track is all soft, there are no breaks except those made by the crews to let the water through from the north side to the river. With all the trouble and delay, there has been no loss of life.

### MAY DEVELOPE THE HAVRE CEMENT DEPOSITS.

There is a large and valuable, though undeveloped deposit of cement in the country about three miles south of the city and the time when it will become a valuable addition to the business wealth of Havre is not very far distant. Mr. L. K. Devlin is the owner of 360 acres of the land on which this deposit is located.

The government, in undertaking the building of large dams for irrigation purposes, is greatly in need of cement and the reclamation department is investigating all deposits in the neighborhood where the work is to be done.

In pursuance of this policy, Mr. Chas. P. Williams of the reclamation service spent Saturday here and was driven out to the land by Mr. Devlin, where he made a thorough examination of the deposit and took away numerous samples of the rock which will be assayed. Mr. Williams is an authority on cement and was surprised at the extent of the deposit and of the purity of the stone.

K. A. Hinote left Saturday for his old home at Miller, Neb., in response to telegraphic advice that his mother was dangerously ill with typhoid fever.

Lester Dixon, day operator in the Western Union offices here left Thursday for Chicago where he will accept a similar position with the same company.