



PUBLISHED NOW AND THEN WHEN POSSIBLE, BY THE BROWN COMPANY, SULPHITE MILL

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Number 3

## Did You Get a Ticket?

In past years we have been proud of the fact that within a week after tickets were put on sale for the Annual Minstrel entertainment it has been impossible to obtain one; but this year we broke all records inasmuch as within twenty-four hours every ticket had been sold and hundreds who want to will be unable to witness Berlin's premier performance of the year, and Dan O'Connell who has the selling of the tickets has become the most popular man in the mill.

This, the Sixth Annual Minstrel is less than two weeks away and promises to far surpass any of the others. "Pep" Raeburn has got the rehearsals going smoother, the songs and soloists are better and the scenery will be a revelation, this scenery is being built and painted under the direction of Stark Wilson, ably assisted by a trained corps of carpenters, painters and conversationalists.

Jimmie Snyder as Kaptain Kidd is right at home, in fact the part was written to fit him instead of as is usual, picking the man for the part. Herb Spear will be the same smooth and natural interlocutor as last year and will have as able assistants on the ends such celebrated fun-makers as "Jack" Cavagnaro, "Boney" Nolan, "Rats" Stewart, "Den-nie" Campbell, Ernest Gendron, "Bob" Briggs.

Among the soloists will be found our old friend Eddie Chaloux, who since he has had his throat cut bids fair to be better than ever, also Jim Moody in a song he likes; this is the first year that this star is singing a song of his own choosing and he will therefore be at his best. The other soloists include such well known singers of note as John Powers, Thomas Henderson, John McGivney, Lora Rowell, and Grace MacArthur. Lora Rowell as "Arbutus", Kaptain Kidd's nemesis, promises to

duplicate her success of last year as "Mirandy Hoskins".

All who are lucky enough to have tickets, should not forget that these tickets must be exchanged at the Albert theatre for reserved seats and the time exchange starts is 9 a. m., Tuesday, May 13th. If you have no ticket remember that a gallery seat costs only 35c and you can see and hear just as well from there as from anywhere in the house, and a *limited* amount of standing room will be sold at 50c a person.

## "Clean Up"

About this time of the year the thoughts of all housekeepers are on spring cleaning and everywhere around the city you can see signs of the busy housewife. It is the same here at the mill, Bill Turley and his crew have been busy giving the yards the once over and Homer Williams and his faithful followers are busy cleaning inside of the mill. Let all lend a hand and clean up the various departments and then deep them clean. You know that after they are once well cleaned it only takes a few minutes each day to keep every place looking well. Therefore let us continue at the mill, what we so industriously practice at home.

## Sports

The so-called "Grand Pa" Bowling Team, captained by Supt. Corbin and Rahmanop, completed the season April 16th. It has apparently become a habit for the Rahmanop Team to win out on the last night, this being the fourth time it has occurred. We are at a loss to know why this happens, as the teams have been re-arranged repeatedly in order to give the losers a little better show. The team averages for the season are only six-tenths of a point apart. In the near future the winners expect to enjoy their annual free supper.



## BURGESS SCREENINGS



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## EDITORIAL STAFF:

TAFT	BRIGGS	SPEAR
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Spring fever is on us again and it has proved a difficult matter to get anyone to write a serious article for this issue. Thoughts are straying to outdoor pursuits and the lure of the fishing season is here.

Everyone feels that there is a big trout waiting for him if he can only contrive to be the first one on the brook. Half the pleasure of fishing is in the anticipation of a fine catch and a large part of the remaining pleasure is in telling about it afterwards.

To get the full enjoyment of a fishing trip you should start preparing the night before, about ten o'clock, by getting out your flashlight and fishing for night crawlers in your or your neighbor's lawn.

A half-hour's work should enable you to gather about a pint of nice, fat, slimy, long worms, luscious to the taste of a large trout, and obtained in a much easier and more sportsman-like way than when dug with the help of a spade.

You will of course make an early start for the brook and just about the time you make your first cast, will discover foot prints in the sand giving you the pleasant feeling that there is another man ahead of you catching all the fish.

However, you will start in and work five times as hard; climbing over rocks, wading through holes, incidentally falling in several times; as you would if busy at the mill. After keeping this up all day you may have a basketful of fish, the majority of which are likely to have to have their tails pulled to stretch out the six inches, but should you be fortunate enough to land even one such mammoth fish as a fourteen inch one, your exertions will be forgotten and there will be something to tell the other fellow about for the next week.

To the non-fisherman any pleasure in tramping, slipping and wading all day for such a purpose is incomprehensible, but the true follower of Isaac Walton is only too anxious for the next opportunity to start again.

**'Take Heed**

Do not fail to report at the Time Office whenever you receive the slightest injury and have the injury attended to at once. By doing this, serious consequences may be avoided. Recently one of

our employees stuck a nail in his knee and failed to have it attended to, and the result was, he lost three days' work. Another one scratched his arm on a cable and a serious case of blood poison has developed. All this suffering might have been avoided had proper care been taken of these injuries at the time they were received.

**Mill Characters**

There is a head piper named Snyder  
Who objected to drinking hard cider,  
And he said 'twas a sin to mix it with gin  
For 'twould make his head swell like a spider.

There once was a head cook called Ellis  
Whose legs form a sort of a trellis  
With his horse and his gig, he says he's as big  
As Duggan, in spite of his belly's.

The Machine Room contains Mr. Plummer  
Who's great as a tobacco bummer  
He chews all the time, but it don't cost a dime  
To keep him a-going all summer.

Up-stairs is the Labor Clerk Thayer  
Who's rapidly losing his hair  
He should try old Dave's oil, to richen the soil  
And then his head will not be bare.

There's a head man whose hair runs to curls  
Which is why he's so fond of the girls  
He sits down by their chair and feeds them hot air,  
Which gets their minds all into whirls.

**A Few Things America Did in the World War**

Raised 4,000,000 soldiers, 2,200,000 of whom were in France, and 500,000 in the navy; loaned \$7,000,000,000 to Allies; prevented Germany from starving England, France and Italy into submission; saved Belgium's civil population from death by hunger; expended \$30,000,000,000 on military supplies; and through President Wilson's speeches fired the Teutons with the spirit to revolt against their autocratic masters, forcing the collapse of their military machine. Americans killed 53,000; wounded 175,000; prisoners 5,000.

Do not forget that 631 boys from the Brown Company took part in this, and that 215 of these were from the Sulphite Mill.

Mr. John Lavoie is much interested in the question as to whether the amount of wood a man gets should be governed by the size of his pay check.



## What is CO<sub>2</sub>

In our new boiler plant particular stress is laid on the necessity of having a high percent of CO<sub>2</sub> as a means of determining the relative economy of operation. What this means in non-technical language should be of interest to our firemen, as well as others.

The part of the coal we use that can be burnt is made up principally of three things, carbon, hydrogen and sulphur, about 75% of it being carbon. The less sulphur the better as it not only helps to form clinkers, but with moisture tends to eat up the tubes.

The air that we breathe consists principally of two invisible gases, nitrogen and oxygen, the greater portion consisting of nitrogen. Oxygen is a very powerful stimulating gas, too strong for our lungs when alone, so nature has brought it down to the proper strength for our use by mixing it with a larger portion of the other gas, nitrogen, the effect being to form a mixture suitable to sustaining life.

In order to have coal burn a certain amount of air must be supplied to the fire, so we either force air in by fans or draw it through by chimneys. Of course both the oxygen and nitrogen are drawn in, but only oxygen is of use, the nitrogen passing through without change.

Oxygen is an element that has the power of rapidly combining with carbon, hydrogen or sulphur and thereby giving off heat as well as light. When a certain amount of carbon unites with twice the amount of oxygen a new compound is formed the symbol of which is called CO<sub>2</sub>. If we supply too little air in the furnace there will not be sufficient oxygen supplied to make the combustion of the fuel complete.

A certain amount of time must be allowed in the furnace and under the boiler to allow these chemical changes to take place, and for this reason a boiler setting is provided with brick baffles and bridge walls to hold the gases a sufficient time for the combination to be made.

The chemist, by analysis of a fuel, can tell you just how much air should be supplied, but we must supply more air than he figures is correct, sometimes nearly twice the amount, due to the fact that we have no method of completely stirring the oxygen into the particles of fuel, as owing to the uneven thickness of fire and the presence of ashes, the air divides into parts when blown in.

If we force in too much air it will lower the temperature of the gases, thus taking a longer time for the gases to burn and causing part of them to pass off unburnt through the stack.

To determine whether we are supplying too much air a machine called a CO<sub>2</sub> Recorder is used.

By what looks like a rather complicated arrangement of pipes and glass tubes, a sample of the gases, after passing through the boiler, is drawn into the machine and passed through a chemical which has the power of absorbing CO<sub>2</sub> and the quantity is measured on scales attached to the instrument.

In theory, for every pound of carbon completely burned 2.67 lbs. of oxygen is required and the gases should contain about 21% of CO<sub>2</sub> and thus have used up all the oxygen supplied from the air.

In practice, as previously stated it is impossible to supply only just enough air, so that it cannot be expected that the gases will not show that excess air has been supplied, but the less excess air the higher the CO<sub>2</sub> % and the better efficiency of the fire. We have been averaging a little less than 13% over a period of some months which is considered a pretty good record considering our kind of fuel and the heavy overload we carry. This does not mean that the plant could not show an improvement by averaging 14% for the next month.

## Don'ts for Pipers and Millwrights

Don't dodge the boss and don't do your work so carelessly that he'll have to dodge you.

Don't pour hot lead in a wet joint; you'll lose the joint and possibly your eyesight.

Don't pour molten metal anyway without your goggles.

Don't build your stagings just strong enough to hold Billy Martin.

Don't use a six-foot length of pipe on the handle of a 24" Stilson, if you are not strong enough to go to the doctor.

Don't use a two ton chain-fall for a five ton load.

Don't use a Stilson wrench on a nut. You're a "nut" if you do.

Don't forget to use the guard on circular saw as sawed off fingers can't be *nailed* on again.

Don't use an eighteen-inch Stilson on a one-quarter inch pipe. Add two ounces of horse sense to a six-inch wrench and do the job properly.

Don't try to see how much new lumber you can use. We keep second-hand also.

Don't hesitate to save material. You need not wait to be told.

Don't forget that air tools save time for the Company and muscle for yourself.

Don't forget that your first thought when working about the mill should be to keep dirt from our pulp.

Don't start a job without thinking, and when you think

Don't fail to think Safety First.



## Mill Items

Under the supervision of Foremen Reid and MacCarthy another storage building has been completed, the record on which is fully as good as on the last one.

Surroundings are such as to prevent any very artistic approach to our office, but an improvement has been made by building concrete steps leading from the road. The custom in the past has been to slide down the bank all winter.

Miss Ryan is anxious to know why Mr. Fagan has to think so hard all day and then come into the Drafting Room just before five o'clock with a hurry job to be done immediately and then let it hang around his desk all the next day before mailing it.

Have any of you failed to notice the red, white and blue barrels that have been placed in different parts of the mill.

We want them filled every day with anything of value that you can find, but we hope finally to reach the point where you cannot find anything thrown away that should go into the barrels. Mr. Binder is the artist who is especially interested in filling the barrels daily, so as to make more work for Mr. Williams in emptying them.

George Prowell of the Refrigerating Dept. has discovered a way to solder wood. The details of the process are not very clear to us, but we are given to understand that Mr. Prowell is willing to give out full information to any one who wishes to inquire.

Rennie Pennock, the esteemed Assistant Foreman of the Electrical Crew, is looking for volunteers to overhaul his automobile. Rennie will not pay any wages, but will give those who volunteer cut rates on a trip to St. Johnsbury, which he intends to make after the first of May. Don't all speak at once boys, he can only use three or four.

Fred Olson, the "terrible Swede," by this time must have a fine collection of tools. Fred is one of the best little borrowers you ever saw, but when it comes to bringing them back, he isn't there. "Hear Ye," never let Fred take a tool without first attaching a "come back" to it or you will be minus said tool.

## Mill Notes

Our Reporter understands that Messrs, Thibedeau and DeCota are going into the steamboat business this summer, and are about ready to conduct hornpout excursions. The machinery is all ready, but they have not yet found a boat in which Charley is ready to risk his life. As they expect a large passenger list it would be well to put in an early application. Bait will be furnished free.

## Mike Gathering Nickels

For the past few weeks Michael Griffn at the Caustic Plant has been holding several raffles, upon which he has realized large sums of money, and we understand that he now has a large project under way on the same plan as the Louisiana Lottery, by which he expects to make a clean-up.

Yes, there is a reason and she is a peach.

## Burgess Mysteries

Martin's Dog.

"Lefty" Louie.

Fagan's Bank-Roll.

P. Pauquette trying to give an order to A. Cole of the Engineering Department.

End Men—and what they have up their sleeve.

Miss Ryan's new desk.

Time Clock for Office Crew.

Ventilating System.

Frank Colibelli's interpretation of the Democratic Party.

On entering the Engineering Office the morning of the last Foreman Meeting we found the members greatly disturbed over the fact that the chair Joe McKinnon sits in to entertain the young ladies, was missing and being used at the meeting.

Most every person is acquainted with the frogs' favorite ballad as they emerge from their watery hole in the spring. But for the benefit of the people who have not had the opportunity to live near a frog hole, such as the one in front of Homer Williams' residence, we will explain to them. Most every frog as soon as they are old enough learn to say "JUG-ER-RUM—JUG-ER-RUM." But this year the frog will be disappointed for, as you all know, the Prohibition Law applies to a frog as well as to a human being, so we will have to change his usual cansonet to "JUG-ER-MINERAL WATER—JUG-ER-MINERAL WATER." (Say this rather slowly and in a disappointed tone.)

## Nuts for Nuts to Crack

If "Hank" Porter joined a tribe of Indians would you call him "Hank-er-chief"?

If Jack Duggan sat down on a seat would you call it "De-seat-ful"?

Why does the Company keep a Plummer in the Machine Room?

Ans. Because Frost is there the year round.

In what way do our railroad tracks resemble the Office girls?

Ans. They are all well supplied with switches.

Why do the Curve Room girls occupy the top floor?

Ans. Because noise rises.

## Some More Hurry Jobs

One of our most important jobs is the installation of additional screens. This new equipment should be running by the first of June, and is going to require some tall hustling. We expect to be able to carry it out on time if we are not held up for material.

Recently while inspecting the Heine Boiler Plant, Mr. Taft found that in addition to their other duties, the firemen there were evidently conducting a flourishing tonsorial parlor, in fact the only thing lacking in the way of equipment was a first-class manicurist, and it is probable that this defect would soon have been remedied if he had allowed this enterprise to continue.