

# NEWS OF THE RAILROADERS IN MISSOULA AND ABROAD

For the past three years the Northern Pacific has been giving attention to fuel economy, with the result that the cost of fuel per gross ton mile has been very greatly reduced. Says the Railway Age Gazette, this reduction has been due to several causes, including the introduction of powerful locomotives, designed especially to suit the fuel used; the application of superheaters to new engines, including switchers, and to the older passenger and freight engines of heavier types; the use of improved ash pans; the exercise of more care in the purchase and distribution of fuel; and the change from one to two, and sometimes three small air pumps on one engine, to one large air pump on the heavy freight power, and to other like improvements.

Probably, however, the greatest factor that has contributed to the reduction in fuel costs has been the use of a fuel instruction car, which has made one trip over the entire system, extending over a period of 18 months, and is now well started on its second trip. There are two fuel supervisors, each one in charge of the car when it is used in his territory.

So unique are the methods employed in the three lectures given, and so effective have they proved in inspiring the engineers and firemen to better efforts, that a more or less complete abstract of them is given below.

**First Lecture.**

In opening the first lecture attention was directed to the fact that fuel is one of the largest items in the operating expenses of the road, and reference was made to the first five cards posted on one side of the car, which read as follows:

"The Northern Pacific railroad used 2,601,184 tons of coal in 1913, costing \$7,280,714.02."

"The Northern Pacific railway made 21,221,372 locomotive miles in 1913."

"One shovelful (15 pounds) of coal saved per locomotive mile would have amounted to 234,192 tons."

"The coal so saved would have filled 117 trains of 40 cars each, with 40 tons to the car, costing \$658,600."

"A saving of one shovelful per ton in coal used last year would have meant a saving to the company of \$54,805."

The fact was emphasized that in order to secure the best results the engineers must understand the theory which underlies the combustion of coal in the firebox, and that they must combine this theory with practice. The questions were put to the class as to what fire and burning was, the answers being that "burning is the rapid chemical combination of oxygen with fuel," and "the heat and light produced by burning is what we call fire."

**New Ocean Tunnel.**

The governments of Sweden and Denmark have had plans made for the construction of a tunnel under the sea channel that separates the two countries to accommodate a railway that will establish direct communication between Stockholm and Copenhagen. The submarine tunnel will be about nine miles long. Some thirty miles of railroad will have to be built in connection with the tunnel. It is estimated that railway and tunnel will cost about \$25,000,000.

**Bad Mixup.**

Chief Dispatcher R. B. Dodds of the Northern Pacific appeared to the same disadvantage again yesterday that marked his daily appearances six months ago. It can be truthfully said that the monstache which he started to grow at that time had blossomed into a thicket of real beauty and usefulness. It looked like a hard-lined visage a warmth of expression that was really becoming and helping disprove the idea that Raymond Bronson is a real crab. But yesterday the old face was back on the job, and very few recognized the chief dispatcher, so fast had he changed in the last six months. The monstache was gone yesterday. They took it away from Raymond B., just as easy. It was the good wife who made good her threat of several months standing. Monday she marshaled reinforcements, and after telling her husband that his monstache's time had come, three girls ran Raymond down and, with scissors sharp, clipped away the adornment of his upper lip. That's why the chief dispatcher was not in the best of humor yesterday.

**Broken Trucks.**

A series of slight accidents, due to broken freight trucks, has been causing the Milwaukee some trouble the last few days. The last trouble of this

kind was to a flat car on the west end yesterday. A broken truck put the car out of commission, and it jumped the track and blocked the line. The car was loaded with poles and the train crew unloaded these by main strength, hoisted the flat car clear of the rails and over a low embankment, where it can be picked up later by the wrecker. In this way the track was cleared within a few minutes, and even the passenger train from the west yesterday afternoon was not delayed.

**On the Siding.**

Twenty-five cars of horses from Oregon to St. Louis passed over the Northern Pacific.

Another banana train is due over the division of the Northern Pacific today. The train was received at Helena last night and started west early this morning. The train has 20 cars. Superintendent Birdsall made a trip

## BUSY ARE THE RAILROADERS AT "CITY ON TRAIL TO BEAR"

Deer Lodge, May 19.—(Special.)—C. J. Loveland and wife spent Monday visiting relatives in Butte.

Mrs. Lew Durham of Portland spent Thursday visiting with Deer Lodge friends. Since the death of Mr. Durham, who was accidentally killed while employed on a work train on the west end of the Missoula division last fall, Mrs. Durham has been making Portland her home.

General Master Mechanic Frank Rusch of Tacoma transacted business at the shops Friday and Saturday. Mr. Rusch is making an inspection trip over the entire system, going from here to Great Falls. While in Deer Lodge he expressed himself as being very well pleased with the appearance of things at the shops.

Gang Foreman Charles Ruff of the erecting shop left Saturday evening for his old home in Dubuque, Iowa, being called there by the serious illness of a brother.

Have Reese left Friday evening for a few days' visit with friends in Butte and Anaconda.

Federal Boiler Inspector Robert Higgins of Spokane transacted business at the shops Saturday.

Charles Evans, chief clerk in the roadmaster's office at Missoula, spent Sunday with his parents in Deer Lodge.

Mrs. T. A. Zimmerman of Lewis town, Mont., who has been a guest at the home of D. J. Malloy for the past week, left for Butte Saturday evening. After a few days' visit she will leave for home.

Grover Embury, who has been on the helper run out of Haugan for some time, arrived in Deer Lodge Saturday evening to take a job on the east end of the Missoula division.

Mrs. F. M. Walters is visiting this week with friends at Haugan.

Earl Christie was an Aberdeen visitor Saturday.

H. J. Luper and Carl Wooster spent Sunday visiting with Butte acquaintances.

Ernest Holt, formerly employed by the Deer Lodge shops, but who has been working in Chicago during the past winter, dropped into Deer Lodge Thursday for an extended visit with relatives. Ernest served his time learning the machinist trade in the local shops, and states he feels right at home when in Deer Lodge.

W. C. Baker spent Sunday visiting at Aberdeen.

John Kilkelly spent Sunday visiting with relatives in Missoula.

Charles (Kid) Cross, a machinist known in every railroad shop in the United States and Mexico, was a Deer Lodge visitor Sunday. As a machinist the "Kid" is a mechanic of more than ordinary ability, but the wanderlust keeps him on the move so much that he rarely stays in one place longer than to get acquainted with the members of his craft. Something over three years have elapsed since he made his last call in Deer Lodge, and he was very much surprised to note the changes in the city since his last visit.

Fred Kuttler, an employee of the treasurer's office of the B. A. & P. railway of Anaconda, spent Sunday visiting in Deer Lodge.

Mrs. E. A. Tarr expects to leave this week for Great Falls, where her husband is employed as machine foreman.

Switchman John Lacy returned Wednesday from a business mission in Spokane.

A. J. Nicholson, formerly agent for

over the Wallace branch yesterday. He is expected home today.

**Fruit-Shipping Season.**

The approach of the fruit-shipping season has caused Superintendent Birdsall to write a set of lengthy regulations concerning the handling and careful inspection of refrigerator cars to be used. This, the superintendent does in the hopes of increasing the efficiency of the service to the fruitmen and to prevent so many claims for loss of fruit, while in transit, from being allowed.

**No High Water.**

Although the Missoula river is higher than at any time before this spring, it is nothing like itself during high-water periods of other seasons, and the railroad folks have no fear now of track and trestle damage from flood water.

The Milwaukee at Deer Lodge, but now superintendent of the W. S. S. & Y. P. Agency, with headquarters at White Sulphur Springs, shook hands with Deer Lodge acquaintances Sunday. Mr. Nicholson states that the prospects of a bumper crop along his line are first-class in every respect. While there have been no real heavy spring storms, there have been enough light showers to soak up the ground and give the grain a splendid start.

There was general rejoicing at the Milwaukee hotel Saturday morning, for he it known that during the early hours of the above-mentioned day, baggage man Charles Breslin became the proud father of a husky seven-pound boy. Needless to say there is no baggage too heavy for Charlie to handle this week. As for Charles, Jr., the smile he is wearing is as bright as an electric headlight on a dark night.

C. L. Doughty of Tacoma spent Sunday in Deer Lodge posting up on the routine work in the roadmaster's office. He left Sunday evening for Grace, where he will take charge of the time for a number of the extra gangs employed on the hill.

Engine Dispatcher E. R. Fink returned Wednesday from a few days' visit with relatives at Diamond. While away Mr. Fink put in practically all of his time looking for that big trout up Flint creek.

Storekeeper A. J. Kroha of Tacoma passed through Deer Lodge during the past week en route to Washington, D. C., where he will attend the convention of railway storekeepers.

E. R. Wain resigned his position in the stores department Thursday and left the following day for Three Forks, where he will take the examination for locomotive freeman.

Roy Powell and wife left Sunday evening for Stappington, where Mr. Powell has accepted a position as time-keeper under Roadmaster Nick.

Trammaster A. H. Wilkins of Three Forks was a Deer Lodge visitor Thursday.

During the past week train No. 16 was run in two sections Friday and Saturday, the second section being made up in each instance of a half dozen cars of silk, which was being shipped direct from the orient to New York city.

Train No. 18 Saturday evening presented a rather lively aspect, due to the fact that a number of the students returning from the big meet at Missoula had bought their return tickets over the Milwaukee. Evidently they enjoyed their visit in the Garden city and were trying to let the public at large aware of the fact.

Pipefitter Foreman Thomas Morgan has been confined to his home for the past four or five days suffering from an abscess of the knee. Tom says the abscess does not cause him half as much misery as does the news that the fish are beginning to bite.

A ball game between the helpers of the blacksmith shop and machine shop took place on the old grounds Sunday, the blacksmith helpers winning by a score of 14 to 4.

Fred Klrove resigned his position in the tin shop Monday, and left the following day for Aberdeen, Idaho, where he intends taking up a homestead.

H. A. Cunningham and wife left Monday evening for Salt Lake, where they will spend some three weeks visiting with relatives.

A party consisting of Mr. and Mrs. M. V. Schertz, Miss Thompson and Messrs. Scott Rager and H. Gerstzker, spent Sunday picnicking and fishing at Irvine lake.

Charles Ephlin, who has been living on his homestead in the Flathead country for the past few months, returned to Deer Lodge the latter part of the week and has accepted a position in the boiler shop.

Monday was the shop pay day. All business places kept open until 8 p. m. to accommodate the shop employees.

## Local Brevities

K. of P. meets tonight.—Adv.

W. Castello of Victor had business in Missoula yesterday.

New rubber soled oxfords at Mapes & Mapes.—Adv.

Cyrille Bourgeois of Huson was a visitor in Missoula yesterday.

\$75 money to loan, J. M. Price Co.—Adv.

Joe Wagner of Florence transacted business in Missoula yesterday.

Marsh, the undertaker, Phone 321.—Adv.

Mrs. Alex L. Thorne of Helena spent the day with friends in Missoula.

Mary Jane pumps. Big new lot just arrived at Mapes & Mapes.—Adv.

Mrs. Pat Burke was a visitor in Missoula yesterday from Trout Creek. Stenographer, Dawson, Montana blk.—Adv.

F. T. Sterling left last night upon a short business trip to Des Moines, Ia. Dr. Ward, veterinarian. Both phones.—Adv.

Isley Peterson spent the day looking after matters of business at Alberton.

Mrs. M. W. Pelarskie of St. Regis spent Monday and Tuesday in the city. Mary Jane shoes with cloth tops at Mapes & Mapes.—Adv.

T. S. Letterman of Plains had business in Missoula Monday and Tuesday.

John Moffatt of the May Mercantile company was a visitor in Missoula yesterday.

Dr. Willard, osteopath. First National bank.—Adv.

Mrs. A. I. Coon, who is agent for the Milwaukee Railway company at Clinton, was a guest in Missoula yesterday.

Arthur Sheehorn, a nephew of Mrs. A. J. Gibson of this city is here from his home at Browning, Mont., for a few days.

Money to loan on farm and city property. The Banking Corporation.—Adv.

Mr. and Mrs. Reuben Dwight returned yesterday to their home at Perma, after spending the week with friends in Missoula.

Elk hide shoes for the whole family at Mapes & Mapes.—Adv.

Mrs. J. H. Winslow and daughter came from their home near Stevensville yesterday for a day of visiting and shopping in Missoula.

B. F. Heron, special agent in charge of contents for the United States land office, has been here from Helena for two days on official business.

Desirable first mortgage securities for sale. The Banking Corporation.—Adv.

Mrs. A. J. Spenner returned to her home in Missoula yesterday after being for a few days in Butte shopping and looking after matters of business.

Newton H. Schweiker, optical specialist. Rooms 203-206 Montana Bk.—Adv.

Mrs. Peter Schoffner returned yesterday to her home at Huson. She has been in Missoula for the last week under the care of a physician for a badly burned foot.

The Missoulian has the best duplicating second sheets for letters. 75c per 1,000.—Adv.

Mrs. H. M. Burns and little daughter, Barbara, are here from Butte, to be for two weeks, guests in the home of Mrs. Burns' sister, Mrs. C. B. Effinger, on University avenue.

Money to loan on ranch and city property. H. D. Fisher, 113 E. Main.—Adv.

Mr. and Mrs. Jack Greenough and small son are here for a week visiting in the Greenough home. They have been in Helena and are now upon their return journey to Seattle.

Dr. Louise Smith, osteopath. Masonic temple, Phone 618; res., 533 rd.—Adv.

Attorneys E. C. Mulrooney and John Tolan returned to Missoula yesterday morning after being for several days in attendance upon the state convention of Knights of Columbus.

Get pure gum rubber fishing boots at Mapes & Mapes.—Adv.

Dr. and Mrs. Taylor, who were guests in the home of Mrs. Jefferson on North Second street during the week of G. A. R. encampment, left yesterday for their home at Helena.

Handy scratch pads and walter checks for sale at The Missoulian office.—Adv.

Mr. and Mrs. George P. Porter and little son expect to leave Thursday for Edmonton, Canada. Mr. Porter has accepted a position as bookkeeper for a large contracting firm in that city.

Touring cars for rent, \$3 per hour. Special rates for trips. J. J. Deakin, Phone 523.—Adv.

Mr. and Mrs. S. A. Cordz, who have been visiting their children in Missoula for a week or more, left last night for Seattle. Mr. and Mrs. Cordz expect to leave Seattle in June to make their home in Berkeley, Cal.

Henry R. Morris, an aged pioneer of the Blackfoot valley, and his traveling companion, Archie E. Howell, left yesterday for a visit to Mr. Morris' old home in Wales. They expect to sail on the steamship Mauretania from

# New Arrivals in Middy Blouses \$1.25 to \$2.25



All who have seen them say they are the prettiest blouses they ever saw and indeed they are, made of a fine soft quality white duck. Neatly embroidered in red and blue work. Sailor and Dutch collars. Silk laced. See display in Higgins avenue window... Priced from \$1.25 to \$2.25

## PARASOLS--In Great Variety, \$1 to \$6.50

Choose the summer parasol from our unusually attractive showing. All the newest shapes, materials and colorings are here.

### Children's Parasols

Buy the little girl a parasol and see her face beam. Besides, they need one to keep the glare of the hot sun from them. We have an attractive assortment from which to select—50c and up.

### Camisoles

Made up in pretty laces in plain nets and shadow, crepe de chine and lace combination; to be worn with sheer waists—45c to \$1.50.

### Camisole Laces

A choice lot of camisole laces in shadow patterns, for people who want to make their own camisoles; with or without beading—25c to 75c yard.

Saturday night ends our May sale. It will pay you to supply your needs now at sale prices. Goods in this sale are reasonable, just what you want now and all through the summer. You can supply your ready-to-wear needs at considerable less than the regular price, for instance you can save from \$5 to \$9 in a suit worth coming here for, isn't it. Domestic, underwear and hosiery specials are here in plenty.

Remember Saturday night ends this sale positively.

**COEN-FISHER CO.**

## Low Round Trip Excursion Fares From Missoula, via the "MILWAUKEE"

| Route of the ALL-STEEL Trains |          |              |        |               |        |
|-------------------------------|----------|--------------|--------|---------------|--------|
| Chicago                       | \$ 65.50 | Sioux City   | 49.50  | Kansas City   | 49.50  |
| St. Louis                     | 61.00    | Louisville   | 75.10  | Moncton       | 96.30  |
| Washington                    | 109.80   | Portland, Me | 93.15  | St. John      | 96.30  |
| Peoria                        | 63.50    | Baltimore    | 100.80 | Buffalo       | 82.80  |
| Rock Island                   | 59.80    | Boston       | 91.40  | New York      | 92.50  |
| Cedar Rapids                  | 56.60    | Detroit      | 76.80  | Niagara Falls | 82.80  |
| Pittsburgh                    | 83.90    | Cincinnati   | 77.80  | Syracuse      | 88.25  |
| Nashville                     | 78.00    | Philadelphia | 109.80 | Hatifax       | 100.80 |
| Norfolk                       | 82.80    | Memphis      | 69.65  | Ottawa        | 85.80  |
| Davenport                     | 69.80    | Milwaukee    | 62.80  | Toronto       | 80.40  |
| Des Moines                    | 52.80    | St. Paul     | 49.80  | Montreal      | 85.80  |
| Dubuque                       | 59.80    | Duluth       | 49.80  | Quebec        | 95.80  |

**DATES OF SALE**  
May 23; June 1, 6, 8, 13, 20 and 27; July 1, 8, 15, 22, 29; Aug. 5, 12, 19, 26; Sept. 2, 16, to all destinations. Return limit, October 31.  
Round trip tickets on sale to Pacific coast points June 1, \$29.25 round trip. Return limit, October 31.

**Two All-Steel Trains to Chicago and Points West**  
Daily Without Change  
"The Olympian" "The Columbian"  
For information regarding limit of tickets, routes, stop-over privileges and reservations, call on or address,  
**H. H. TAVENNER, City Ticket Agent**  
Chicago, Milwaukee & St. Paul Railway  
Missoula, Montana  
Phone 319 Bell.

New York next Thursday. Mr. Morris had planned to make this journey to Wales with his wife, but her sudden death last winter disrupted his plans.

This is a good time to begin to save. We pay 4 per cent per annum on savings deposits. The Banking Corporation.—Adv.

Allen J. Olson of the Olson & Johnson company is at Wallace, Idaho, this week looking after work on the new \$60,000 high school which his company has a contract to build and which is to be completed in August.

Lawn mowers sharpened by special machinery. Called for and delivered. Phone 235. J. P. Reinhard, 104 West Main.—Adv.

Mrs. W. F. Beanyhoff and her sister, Miss Gladys Lindsay, left last evening for Great Falls, where they were summoned on account of the sudden death of their mother, Mrs. William Lindsay, yesterday morning.

Harry H. Apples of Ronan applied yesterday for homestead entry on 86.50 acres, lot 6, section 34, township 20 north, range 20 west, lots 6 and 7, section 3, township 19 north, range 20 west. The application was rejected.

Mr. and Mrs. Pat Griffin, accompanied by Miss Cora Martin, motored into Missoula yesterday from their home at Sunset. Mr. Griffin stated yesterday that after he had reached the Missoula county line he found the roads in excellent condition.

Mr. and Mrs. Elmer J. Carter expect to leave Saturday for an extended journey east. They will visit friends in Duluth, Toledo and Boston, and then go to spend some time with Mr. Carter's parents in Vermont. They will return home by the Canadian route.

James Bonner of Camas Prairie was allowed his application for homestead entry yesterday on 160 acres. The tract included the southwest quarter of the southwest quarter of section 27,

the southeast quarter of the southeast quarter of section 28, the northeast quarter of the northeast quarter of section 28 and the northwest quarter of the northwest quarter of section 34, township 20 north, range 23 west.

Mrs. Waltmann, mother of Mrs. I. M. Robertson, underwent a serious operation yesterday at St. Patrick's hospital. Her two sons, one from Billings and one from Great Falls, came to Missoula to be with her during the critical time, and a daughter will arrive today from Omaha, Neb.

Miss Eunice Thomas is expected to arrive in Missoula Thursday and remain for a few days the guest of Mr. and Mrs. F. S. Lusk. Miss Thomas is from New York, and is a sister of the president of the Lehigh Valley Railway company. She is on her way to Portland, Ore., for a short visit.

Mr. and Mrs. A. W. Woods returned yesterday from an interesting visit to the reservation, made in the interests of The Banking Corporation, for which Mr. Woods is local manager. From Dixon, Mr. and Mrs. Woods were guests of Mr. and Mrs. Whitman for an automobile drive to Polson, and from Ronan they were guests of Mr. and Mrs. A. J. Brower.

### ASCENSION DAY SERVICE.

A service with celebration of holy communion will be held at 10 o'clock Thursday morning, Ascension day, in the new quarters of the Church of the Holy Spirit on South Higgins avenue between South Fourth and Fifth streets.

### EIGHT HUNDRED STAY.

Mexico City, May 10.—The registration of Americans who intend to remain in Mexico City is almost completed at the Brazilian legation, the total being more than 800.

## ALICE JOYCE TOM MOORE

And Verna Mersereau, the world's famous dancer, will be seen Thursday, May 21, 22, 23, at the

## BIJOU Theater

**The Dance of Death**  
An Elaborate Two-Reel Kalem Feature.  
**Two Acts of Vaudeville**  
Three Reels of Pictures.

## F. A. Mix & Sons GROCERS

Wood, Hay, Grain and Provisions

## HENLEY, EIGEMAN & CO. GROCERS

115 Higgins Avenue. Bell Phone 87; Ind. Phone 474. "The Best of Everything in the Market."

## INSURANCE

Fire, Life and Accident Insurance and Real Estate.  
National Surety Company.  
**DAN H. ROSS**

**Every Woman Is Proud of Her Culinary Skill**

Thousands of clever house-keepers have discovered in the real "Map of Italy"

**Vittucci Virgin Olive Oil**

a means to preparing a great variety of delectable nourishing dishes. For salad dressing, for pan or deep frying, for shortening and enriching, there is nothing quite equal to, or so economical as this rich, pure, healthful imported olive oil.

No oily taste, just the clear light nut flavored olive oil. "It's SO good," say women who have used V. V. O. O.

Your grocer has it or he will get it for you. He'll refund your money if you are not satisfied.

**John Vittucci Company**  
IMPORTERS.  
SEATTLE, WASH. VANCOUVER, B. C.

**The Theaters**

**Bijou.**

Delid and Carson present what is without question one of the best comedy singing and dancing acts of its kind, one which has been meeting with the biggest approval by every audience. They will make their last appearance tonight, with Charlie Hasty, the original Fanny Hoesler boy, who has made millions laugh at his funny character portrayal. The late Hester Selig news pictorial, showing many scenes from the Mexican trouble and other places of interest, is being presented for the first time this week. The comedy picture, "Curing a Husband," is a scream, and the Kalem dramatic subject, "Fatal Cue," is very interesting. Three hundred pennants from the state of Maine will be given to lady patrons tonight.

Use Bassett's, the Original Native Herb, for constipation and rheumatism; 50 tablets cost 25c at all drug-gists.—Adv.

**HEAD STUFFED UP?**

**Hyomei Gives Instant Relief**

If suffering from a cold or catarrh, causing dull headaches or an itching, burning sensation in the nostrils, surely try Hyomei. It gives quick, effective and permanent relief or money refunded by Geo. W. Bismelmer. It goes right to the spot—you feel better in five minutes.

No roundabout method of stomach dosing with Hyomei—you breathe it. This health-giving medication goes directly to the inflamed membrane, all irritation and congestion is quickly relieved, the delicate tissues healed and vitalized.

Hyomei should be in every household. Drugists everywhere sell it. Ask for the complete outfit—\$1.00 size.—Adv.