FUEL FOR FARMERS

May Become Independent of Coal and Oil.

BY PRODUCING ALCOHOL

Secretary Wilson Urges Relief of Denaturized Alcohol From Tax That Farmers May Produce Own Heat and Light.

OREGONIAN NEWS BUREAU, Washington, Feb. 25.—The House committee on ways and means is giving a series of hearings on a bill of vital importance to the farming communities in all parts of the United States—the bill to remove the internal revenue tax from denaturized alcohol; that is, alcohol that is so changed as to be unfit for use as a beverage.

The bill is of interest to the farmers for various reasons. Primarily this kind of alcohol can be manufactured very cheaply from the waste and surplus products of the farm, grains or potatoes that spoil before finding a market, potatoes and other crops that do not mature sufficiently to find a market; even cornstalks can be distilled to advantage into denaturized alcohol.

This alcohol can be manufactured for a nominal cost, and, if the internal revenue tax is removed, can be utilized for fuel as a cheap and effective substitute for gasoline, coal or kerosene. But unless the tax is removed it cannot become a competitor for the now standard fuels. One beauty about denaturized alcohol, aside from the cheapness of production, is the fact that it can be manufactured on every farm, and the farmer not only saves the cost of transportation on other fuels, but is able to make his own fuel even more cheaply than the oil trust or the coal trust, who now hold him in their grasp. Its unrestricted manufacture will enable the farmer to utilize his waste products that are now a dead loss.

Each Farm May Produce Own Fuel.

Secretary Wilson, head of the Department of Agriculture, has done more for the American farmer than any of his predecessors; he has aided him to improve his crops; he has found new crops not previously known in this country, and now he is strongly advocating the removal of the tax on denaturized alcohol in order that the farmer may materially increase his profits by utilizing his waste products and saving the cost of fuel. In a hearing before the committee, Mr. Wilson strongly advocated the passage of the pending bill. He said in opening his argument:

The question of heating and lighting on the farm is becoming quite insistent. In the prairie countries there is some coal, but the readily obtained supply will become exhausted before a very remote date. Hard coal taken out to the prairies is expensive at all times and very expensive quite often; besides which it is becoming more and more expensive as time goes on, so that we must begin looking about for other sources of heating and lighting.

The starch and sugar plants are the source of alcohol. In Europe the chief sources of alcohol have been the potato and the sugar beet by distillation, either directly or from their by-products. Other sources of alcohol which may be advantageously utilized in the United States are the white potato of the North, the sweet potato, the yam, the cassava plant, waste molasses from the sugar cane, waste molasses from the sugar beet and the waste product from the stalk of the Indian corn at the time of the hardening of the grain. In this list may be included all plants that yield heavily of starch or sugar. The term alcohol as I use it does not apply to any alcoholic beverage, but to pure or denaturized alcohol in a form suitable for technical use and so mixed with other ingredients that it cannot be used as a beverage.

Heat and Light From Potatoes.

The Secretary went on to show that an acre of corn would produce 120 to 140 gallons of alcohol. An acre of potatoes, under normal conditions, would produce 255 gallons. But the Secretary believes that the yield from potatoes could be doubled under proper management. The aim of the farmer today is to grow potatoes for the market, and the effort is made to get potatoes of the best quality and the best size. In Europe, where potatoes are grown for cattle food, different varieties are used, which produce a heavier yield per acre, though the potatoes are of inferior grade. He says that, if the farmers of this country should devote a part of their land to the raising of those potatoes which would give the greatest yield per acre, they could readily manufacture 500 gallons of alcohol to the acre of such crops. He added:

Potatoes, moreover, are a commercial crop only when within a certain distance of market. At the average price at which the potato sells, it can be hauled only a short distance, but when looking to it as a source of heat and light, factories would be erected in the country neighborhoods and the potato would then be grown for its largest possible yield of alcohol.

Looking at this subject from the agricultural standpoint, we find that the Northern States could readily depend upon the white potato as a source of heat and light, the Southern States upon the yam and sweet potato and the Western States upon the sugar beet. The extensive irrigation projects now being carried on by the United States Government will result in watering land that will produce sugar beets more profitably, perhaps, than any other crop. The molasses can readily be turned into alcohol.

The Secretary made the astonishing statement that cornstalks properly treated would yield 170 gallons of alcohol to the acre. With approximately 100,000,000 acres of land planted in corn every year, some idea is gained of the immense profits that are now allowed to go to waste. In concluding his argument Mr. Wilson said:

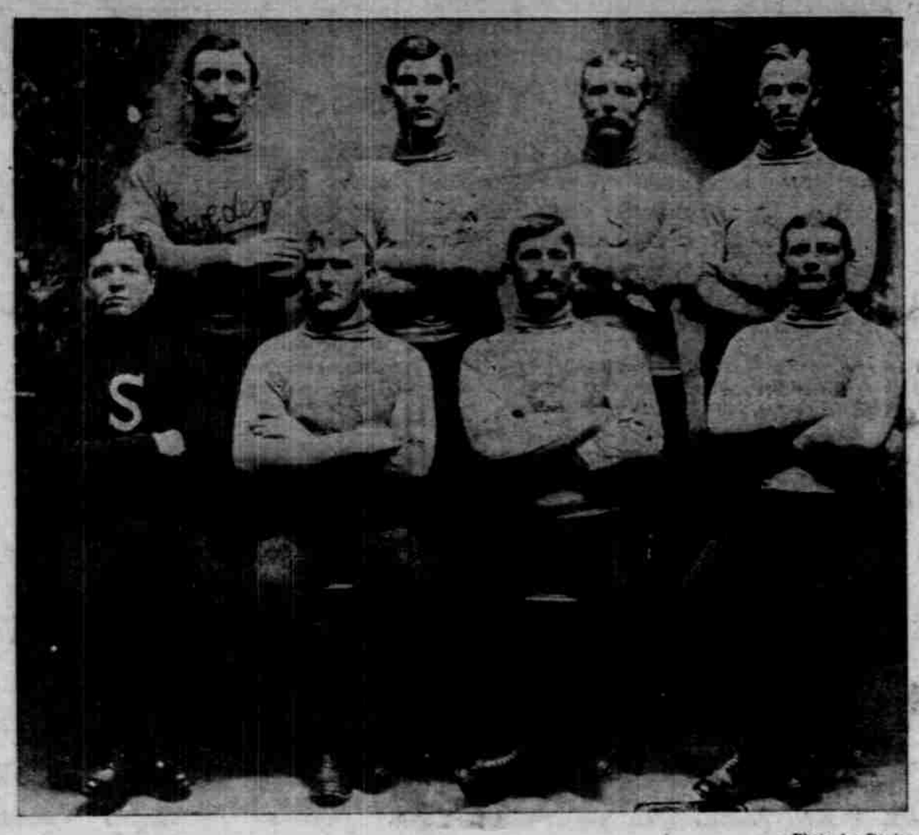
Look to Farm for Fuel Supply.

Our coal mines are definite quantities and are being rapidly used up. Our forests are disappearing and many of them have disappeared. In the future—it may be some time in the future—the time will certainly come when the world will have to look to agriculture for the production of its fuel, its light and its motive power. It seems to me that thrown the medium of alcohol agriculture can furnish in the most convenient form for the use of man this absolutely necessary source of supply. I believe, therefore, that the utilization of alcohol in the arts and industries, under such restrictions as would safeguard the fiscal rights of the United States Government, would prove not only a great stimulus to manufactures, but a great benefit to alcohol.

Farmers of the West, particularly those of the arid regions, have already shown much interest in this denaturized alcohol bill, and Representatives from those states are pushing the pending legislation. Its passage would mean a great saving to every farmer who is remote from coal mines; it would mean increased profits on his yearly crops, and in the end it may solve the problem of cheap power for pumping water onto the higher arid lands which can never be reclaimed by gravity irrigation systems. The possibilities that lie behind this bill are not realized, even by the men most interested in its passage.

Conference Is Abandoned.

RICHMOND, Ind., Feb. 25.—Timothy Richmond, of Richmond, clerk of the Indiana Yearly Meeting of Friends, and one of the promoters of the conference of delegates from all evangelical denominations which it was proposed to hold at Washington, D. C., in March, to consider plans for united work in behalf of temperance, announced that the conference had been abandoned.



—Photo by Davies.

SWEDISH TUG-OF-WAR TEAM WHICH IS ANXIOUS TO PULL IN ANOTHER TOURNAMENT.

—Photo by Davies.

NORWEGIAN TUG-OF-WAR TEAM WHICH HAS CHALLENGED THE CHAMPION FINNS.

PROJECT MANY BUILDINGS

Quarter of Million to Be Spent in Structures on East Side.

Gordon & Daue have secured the contract for erection of the market building for the Italian Gardener Association, on Union avenue and East Madison street. The building will cover a block, for which the foundation is now completed, which cost $500. The foundation is extended so as to take in half of East Madison and Main streets.

Work has been started on a three-story frame on Grand avenue and Belmont street for S. F. White, to cost about $1,000. Plans are being prepared for a telephone station for the Home Telephone Company on the corner of East Morrison and Eleventh streets. Work on the foundation has been started.

Pahlen & Orendorf, who recently secured a half-block on East Water and Belmont streets, are having plans prepared for a four-story brick, 100x200.

A three-story brick will be erected on the southeast corner of East Morrison street and Grand avenue. The foundation will be built to carry six stories. Occupants of the wooden building, now covering the ground, have been instructed to vacate as soon as possible, so that work on the foundation may be started. R. P. Rasmunsen & Co. are putting up a brick warehouse on East Third and Pine streets. F. Falkman is completing a $12,000 store and rooming-house on Grand avenue and East Yamhill street. Bartman, Foss & Kessling have laid the foundation for a two-story frame structure on the southeast corner of Union avenue and Hawthorne avenues, to cost $2800.

Joseph Paquet is preparing to erect a two-story frame on the site of the wooden structure that was recently burned at the east end of the Morrison bridge. It will cost about $14,000. Owners of the old Wolff & Zwicker block, at the east end of Madison bridge, have had the grounds cleared preparatory to erecting a two-story frame structure. Cost of these structures will aggregate $250,000.

BROWN NOW IN TRAINING

Opens His Quarters at Third and Couch Streets.

George Brown, the Oakland boxer, has opened training quarters at Third and Couch streets, and his manager, C. M. Sloan, issues a cordial invitation to all the sports to drop in and see him at work during the afternoons. Mike Kenney, of Albina, has been secured as Brown's sparring partner, and will work out with him each day.

Jack Grant, a popular local referee, will be asked to officiate at the bout between Brown and McConnell, on March 6. Eddie Graney recommended Grant to Sloan, and McConnell is favorable to him.

BUSINESS ITEMS.

If Baby Is Cutting Teeth

Be sure and use that old and well-tried remedy, Mrs. Winslow's Soothing Syrup, for children teething. It soothes the child, softens the gums, allays all pain, cures wind colic and diarrhoea.

MONEY FOR THE WEST

INSURANCE COMPANIES LOOKING FOR INVESTMENT.

Billion and a Half, It Is Said, Will Be Distributed Among Fiscal Agents.

CHICAGO, Feb. 25.—A special to local newspapers from South Bend, Ind., says:

"In efforts to find profitable investments for the enormous sums committed to their keeping, the new officials of the reformed insurance companies of New York are to place this money in cities and towns in the Middle and Far West. Fiscal agents are to be appointed in every important town.

"This story, of great interest to financial men and institutions, has just been given semi-official backing by a man well known in financial and insurance circles throughout the Middle West.

"The importance of this move by the companies is realized when it is learned that the proposed sum to be distributed is in the neighborhood of $1,500,000,000.

"Although it is pointed out that the West is a very large area and capable of absorbing a vast quantity of money, yet $1,500,000,000 is such a quantity of money that it would mean great investments."

WANTS ANOTHER TOURNEY

Norway, Sweden and Finland Are Anxious for Tug-of-War.

All the tug-of-war teams which participated in the recent tourney at the Armory are desirous of entering another competition of the kind, and it is more than likely that arrangements for another contest will be perfected in a few days.

L. Stoneberg, of the Swedish team, says that all that will be required of the other teams will be for them to say the word, and his fellow knights of the rope and cleats will be only too willing to participate.

Captain Libak, of the Norwegian team said: "I issued a challenge to the champions or any other team on the final night of the recent tourney at the Armory, the pull to take place at any time, and should any or all of the competing teams agree to another tourney, my team will be there, and you can bet we will let them know we are on the other end of the rope."

Captain A. Liswig and Vice-Captain F. Lahti, of the Finnish champions, both expressed a willingness to hold another tourney, and were enthusiastic over the prowess of their men. Captain Liswig is confident in the ability of his undefeated champions again to prove their superiority over the other contenders.

The captains of the American, Italian and Danish teams are also anxious for another trial, and claim to be able to make a much better showing if given another chance.

DEFEATED BY INDIAN JOE

"Montana Champion" Knocked Out in First Round.

OREGON CITY, Or., Feb. 25.—(Special.)—J. Burns, who claimed to be the heavyweight champion of Montana, was knocked out in the first round this afternoon by Indian Joe Schlidt. On account of rumored intention on the part of the authorities to interfere, only a select few were invited to witness the fight, which took place at Metropolitan Park, near Canby, about six miles south of this city. The Indian was far superior to the alleged Montana champion, who was found to be a laborer residing near Canby. Schlidt weighed 225 and Burns 242 pounds.

SALT LAKE BOWLING TOURNEY

Portland Selects a Team to Compete in the Contests.

A. L. Jenkins, secretary of the Western Bowling Congress, is in the city, having arrived from the South yesterday morning. He is on a visit to the Coast towns in the interest of the congress, which is to hold a tournament at Salt Lake City March 7. The team that will represent Portland at the tourney will be composed of the following bowlers: Pollack, Ficken, Kneyse, Capen, Kruse and McMenomy, all of whom are crack knights of the tenpin alleys.

The match game between the Gold Leafs and Morey's Stars yesterday afternoon resulted in a victory for the latter aggregation by a score of 2701 to 2578. The Gold Leafs won the first of the three games, but fell down in the last two and were defeated.

Haughton in the Finals.

BOSTON, Feb. 25.—Catching the titleholder, Lawrence Waterbury, of New York, off his game, Percy D. Haughton, of Boston, won his way into the finals of the National racquet championship at the Boston Athletic Association today, and will meet Payne Whitney, of New York, the winner of the other semi-final match, for the championship tomorrow.

Milwaukie Country Club.

Los Angeles and Oakland races. Take Sellwood and Oregon City cars, First and Alder.

NOT AN OVERSEER JOB

SUPERINTENDENT HENDRICKS REPLIES TO CRITICISMS.

Believes That Some Business Details Must Be Left to Management of Insurance Companies.

SYRACUSE, N. Y., Feb. 25.—Francis Hendricks, State Superintendent of Insurance, tonight issued a statement relating to the recent report of the Armstrong committee of the Legislature, with special reference to that portion of the report which criticises the administration of the insurance department. He says:

"A careful examination of the statute creating and regulating this department will, I believe make it quite clear that it was not intended to be an overseer or administrator of the daily business management of the companies.

"I doubt if it would be wise to vest any state official with the power and responsibility of overseeing and administering all of the details of the business management of insurance companies, as in certain quarters it is now being claimed he should do. Some of the recommendations of the Armstrong committee and many suggestions being made now elsewhere, if carried out, would make him in effect a managing director of all the insurance companies in the state.

"In the first place I do not believe that this would be a wise policy. But in the second place, if it is deemed to be wise, it must be assumed that there must be an entire reorganization of the insurance department, giving the Superintendent increased power and an adequate supply of force and money to do this. I am sure that it would require an appropriation of from $300,000 to $400,000 a year for a department to do the things which it is now said should have been done by my administration, upon an appropriation which for several years has averaged only $40,000 per year.

"Notwithstanding all that has been said, it still seems to me that the administration of those details of business which involve ordinary business honesty and competency must be left to those directly intrusted with the management of insurance companies, rather than to a state department."

AT THE THEATERS

What the Press Agents Say.

"High School Girls" Tonight.

The High School Girls Burlesque Company opened yesterday at the Baker and will be the attraction at this popular theater all week.

High School Girls are always charming, and this company is well named, for they delighted two packed houses and give a performance second to none that have visited Portland this season. The evening curtain at the Baker is 8:15. There will be the regular Bargain Matinee Wednesday—the most popular mid-week event in the city.

"Human Hearts" at Empire.

An old favorite is back with us again after an absence of two seasons, and Empire patrons will greet the beautiful play, "Human Hearts," with crowded houses at every performance. This is always the case, and an excellent company is presenting it, with a splendid equipment of scenery and effects this time, offering an extra inducement to the theater-goers. The only matinee will be Saturday.

COMING ATTRACTIONS.

The Sheldon-Wells Concert.

The subscription sale of seats opens this morning at 10 o'clock at the Marquam Grand Theater for the concert which is to be given there Thursday evening, March 1, by Anne Beatrice Sheldon, Portland's new prima donna soprano, and Franz Boyd Wells, the young American pianist. If you have sent your subscription cards to the address given, please call at the theater this morning and get your seat tickets. Out of the large number of subscription cards sent out, the most of them have been returned, but if you have not sent in the card you received, call with it, all the same, this morning at the theater and get your seat tickets—you will be taken care of. The regular sale of seats opens tomorrow morning at 10 o'clock at the theater. The success of the concert is now assured, and it will not only be a musical success, but also an important society event. Fifteen months ago, Anne Beatrice Sheldon left for Paris, Berlin and London to further study advanced vocal music, and she now returns to her home town with her fine voice trained by the best masters the world knows. You should not miss this concert.

AT THE VAUDEVILLE THEATERS.

Grand.

Starting with the matinee this afternoon, the Grand will give a new vaudeville programme, which gives promise of being a red-letter one in every respect. The specialties have been selected with care, and the result is an array of talent such as is seldom assembled in this city. The first Russian vaudeville act to reach the Pacific Coast is the feature of the bill. This is the Haides, from the Imperial Theater, St. Petersburg. The Rialto Comedy Four is recommended to Portlanders as a fine comedy quartet in the West, and the Martells as cyclists. Cheveril, the trick virtuoso, is on the programme, and King and Stange have a comedy sketch Master Harold Hoff will sing a new pictured ballad, and the Grandiscope has a funny auto moving picture.

Star.

At the Star this week there will be a vaudeville feast of startling surprises and famous artists. The new programme begins with the matinee this afternoon. The most popular singing and instrumental act of the year will be found as the headliner. This is the Royal Hawaiian Quintette, which became so attractive to lovers of music during former engagements here. The three Havilands have an aerial act. Inez Scott is a sensational dancer, doing the serpentine in the air. Miss Virginia Richmond is a character singing comedienne. James Dunnis is a mimic whose like has never been heard out West. The song of Will C. Hoyt will be brand new, and the Starascope has an assortment of comic pictures.

Pantages.

After successfully staging a large variety of big acts with success, the Pantages Theater will lead its programme for this week with a musical comedy success, "A Bachelor's Wife," put on by Charles E. Royal and company. The piece is full of delightful music, infectious wit, pretty costumes and attractive scenic effects. Among the features of the creation which has made a distinct hit throughout the country is the double sextet in the musical sketch, I. O. U." Charles Morgan, with his company of four, will put on a lively and laughable dramatic sketch, Caesar the Great, magician, will perform weird and perplexing feats of magic. Frank Clayton will be on hand with an eccentric act. Magretta Lewis, singing comedienne, is another feature, and the Calvary Quartet, in fine, old military songs, is still another. Leo White will sing a new illustrated ballad, and moving pictures will conclude one of the very best vaudeville offerings of the season.

TWENTY YEARS OF SUCCESS

In the Treatment of Chronic Diseases of Men and Women.

Female Complaints Treated by Lady Physician

Dr. Walker's methods are regular and scientific. He uses no patent nostrums or ready-made preparations, but cures the disease by thorough medical treatment. His new pamphlet on private diseases sent free to all men who describe their trouble. PATIENTS CURED AT HOME. Terms reasonable. All letters answered in plain envelope. Consultation free and sacredly confidential. Call on or address

DR. WALKER, 181 First Street, Corner Yamhill, Portland, Oregon

TAXATION OF FRANCHISES

Speakers at Forum Favor Revenue From Utilities.

Last evening's session of the People's Forum, at Knights of Pythias Hall, was taken up with a discussion of "Taxation of Franchises." President H. D. Wagnon was in the chair. The Forum favors the taxation of all franchises supported by the public, especially transportation, lighting and utilities largely patronized by the public. The argument was in the nature of a general discussion, in which most of those present expressed their views.

Scores Made at Shoot.

The following scores were made by the members of the Multnomah Rod and Gun Club yesterday:

	Shot at.	Broke.	P.c.
Hills	100	90	.92
Callen	100	89	.90
Abraham	100	87	.90
Howe	100	86	.86
Collier	100	81	.81
Cullison	100	79	.79
Mrs. Young	100	76	.76
Norwood	50	38	.76
E. D. White	25	18	.72
D. O. White	100	70	.70
Buckley	50	35	.70
E. Young	100	68	.68
Wasckrow	25	17	.68
Bateman	50	34	.68
Feyrer	50	33	.66
Bracey	50	29	.58
Remington	70	40	.57
Mrs. Collier	50	24	.48
Nero	50	20	.40
Jack Frost	45	9	.20

Beats Off Bar Nearly Month.

ASTORIA, Or., Feb. 25.—(Special.)—The American ship Berlin arrived in today, 29 days from San Francisco. She made a fairly good run up the coast, sighting the mouth of the river on February 2. Since then she has been beating about outside, awaiting an opportunity to cross in. Aside from the toss of a few sails, and the fact that there was a tobacco famine on board, nothing of note occurred on the trip.

Scrofula is eradicated and all kindred diseases are cured by Hood's Sarsaparilla.

H. P. WILSON. V. ENGINGER. FRANK L. BROWN.

BROWN, WILSON & CO.
INCORPORATED.

FINANCIAL AGENTS
INVESTMENT SECURITIES

SAN FRANCISCO. UNION TRUST BLDG. NEW YORK. TRINITY BLDG.

TRAVELERS' GUIDE.

TIME TABLE — GREAT NORTHERN RAILWAY

THE COMFORTABLE WAY.
TWO OVERLAND TRAINS DAILY
THE ORIENTAL LIMITED
The Fast Mail
VIA SEATTLE OR SPOKANE

Daily. Leave.	Portland Time Schedule.	Daily. Arrive.
8:30 am 11:45 pm	To and from Spokane, St. Paul, Minneapolis, Duluth and All Points East Via Seattle.	7:00 am 6:50 pm
6:15 pm	To and from St. Paul, Minneapolis, Duluth and All Points East Via Spokane.	8:00 am

Great Northern Steamship Co. Sailing from Seattle for Japan and China ports and Manila, carrying passengers and freight.
S. S. Dakota, March 12.
S. S. Minnesota, April 29.
NIPPON YUSEN KAISHA (Japan Mail Steamship Co.)
S. S. KANAGAWA MARU will sail from Seattle about March 20 for Japan and China ports, carrying passengers and freight.
For tickets, rates, berth reservations, etc., call on or address H. DICKSON, C. P. & T. A. 122 Third St. Portland, Or. Phone Main 680.

NORTHERN PACIFIC — TIME CARD OF TRAINS

PORTLAND DAILY.

	Depart.	Arrive.
Yellowstone Park-Kansas City-St. Louis Special for Chehalis, Centralia, Olympia, Gray's Harbor, South Bend, Tacoma, Seattle, Spokane, Lewiston, Butte, Billings, Denver, Omaha, Kansas City, St. Louis and Southeast	8:30 am	4:30 pm
North Coast Limited, electric lighted, for Tacoma, Seattle, Spokane, Butte, Minneapolis, St. Paul and the East	2:00 pm	7:00 am
Puget Sound Limited for Chehalis, Centralia, Tacoma and Seattle only	4:30 pm	10:35 pm
Twin City Express for Tacoma, Seattle, Spokane, Helena, Butte, St. Paul, Minneapolis, Lincoln, St. Joseph, Kansas City, without change of cars. Direct connections for all points East and Southeast	11:45 pm	6:50 pm

A. D. Charlton, Assistant General Passenger Agent, 255 Morrison st., corner Third, Portland, Or.

NORTH PACIFIC S.S. CO.'S
Steamship Roanoke
2500 TONS,
Sails for San Francisco and Los Angeles, calling at Eureka en route.
THURSDAY, MARCH 1
From Columbia Dock No. 1 at 8 P. M. Ticket office, 122 Third st., near Alder. Phone Main 1314.
HARRY YOUNG, Agent.

MERCHANTS INDEPENDENT LINE STEAMERS
Operating 16 Passenger Steamers for
SAN FRANCISCO
and Los Angeles direct. Bi-daily service
Cabin $12 Steerage $8
Meals and Berths Included.
C. H. THOMPSON, Agent
Phone Main 628 128 Third Street

TRAVELERS' GUIDE.

O. R. & N.
OREGON SHORT LINE
AND UNION PACIFIC
3 TRAINS TO THE EAST DAILY

Through Pullman standards and tourist sleeping-cars daily to Omaha, Chicago, Spokane; tourist sleeping-car daily to Kansas City. Reclining chair-cars (seats free) to the East daily.

UNION DEPOT.	Leaves.	Arrives.
CHICAGO-PORTLAND SPECIAL for the East via Huntington.	9:15 A. M. Daily.	5:25 P. M. Daily.
SPOKANE FLYER. For Eastern Washington, Walla Walla, Lewiston, Coeur d'Alene and Great Northern points.	6:15 P. M. Daily.	8:00 A. M. Daily.
ATLANTIC EXPRESS for the East via Huntington.	8:15 P. M. Daily.	7:15 A. M. Daily.
RIVER SCHEDULE.		
FOR ASTORIA and way points, connecting with steamer for Ilwaco and North Beach, steamer Hassalo, Ash-st. dock (water per.)	8:00 P. M. Daily, except Sunday. Saturday 10:00 P.M.	5:00 P. M. Daily, except Sunday.
FOR DAYTON, Oregon City and Yamhill River points, Ash-st. dock (water per.)	7:00 A. M. Daily, except Sunday.	5:20 P. M. Daily, except Sunday.

For Lewiston, Idaho, and way points from Riparia, Wash.
Leave Riparia 8:40 A. M. or upon arrival train No. 4, daily except Saturday.
Arrive Riparia 4 P. M., daily except Friday.

Ticket Office, Third and Washington. Telephone Main 712. C. W. Stinger, City Ticket Agt; A. L. Craig, Gen. Passenger Agt.

EAST via SOUTH — SOUTHERN PACIFIC COMPANY

Leaves.	UNION DEPOT.	Arrives.
*8:45 P. M.	OVERLAND EXPRESS TRAINS for Salem, Roseburg, Ashland, Sacramento, Ogden, San Francisco, Mojave, Los Angeles, El Paso, New Orleans and the East.	*7:25 A. M.
*8:30 A. M.	Morning train connects at Woodburn daily except Sunday with trains for Mount Angel, Silverton, Brownsville, Springfield, Wendling and Natron.	*5:55 P. M.
*4:15 P. M.	Eugene passenger connects at Woodburn with Mt. Angel and Silverton local. Corvallis passenger.	*10:35 A. M.
*7:30 A. M.	Sheridan passenger.	*5:50 P. M.
*4:50 P. M. ‡10:45 P. M.	Forest Grove Passenger.	8:25 A. M. ‡11:50 P. M.

*Daily. ‡Daily except Sunday.

PORTLAND-OSWEGO SUBURBAN SERVICE AND YAMHILL DIVISION.
Depot, Foot of Jefferson Street.

Leave Portland daily for Oswego at 7:30 A. M.; 12:50, 2:05, 4, 5:20, 6:25, 8:30, 10:10, 11:30 P. M. Daily except Sunday, 5:30, 6:37, 8:35, 10:25 A. M. Sunday only, 9 A. M.

Returning from Oswego, arrive Portland, daily, 8:30 A. M.; 1:55, 3:05, 5:05, 6:15, 7:35, 9:55, 11:10 P. M.; 12:35 A. M. Daily except Sunday, 6:25, 7:25, 9:30, 11:45 A. M. Sunday only, 10 A. M.

Leave from same depot for Dallas and intermediate points daily, 4:15 P. M. Arrive Portland, 10:10 A. M.

The Independence-Monmouth Motor Line operates daily to Monmouth and Airlie, connecting with S. P. Co.'s trains at Dallas and Independence.

First-class fare from Portland to Sacramento and San Francisco, $20; berth, $5. Second-class fare, $15; second-class berth, $2.50.

Tickets to Eastern points and Europe; also Japan, China, Honolulu and Australia.
CITY TICKET OFFICE, Cor. Third and Washington streets. Phone Main 713
C. W. STINGER, City Ticket Agent. A. L. CRAIG, Gen. Pass. Agt.

Astoria and Columbia River Railroad Co.

Leaves.	UNION DEPOT.	Arrives.
Daily. 8:00 A. M.	For Maygers, Rainier, Clatskanie, Westport, Clifton, Astoria, Warrenton, Flavel, Hammond, Fort Stevens, Gearhart Park, Seaside, Astoria and Seashore.	Daily. 11:20 A. M.
7:00 P. M.	Express Daily. Astoria Express Daily.	9:50 P. M.

C. A. STEWART, Comm'l Agt., 248 Alder st. J. C. MAYO, G. F. & P. A. Phone Main 906.

SAN FRANCISCO & PORTLAND STEAMSHIP COMPANY
Operating the Only Passenger Steamers for San Francisco Direct.
Sailing dates from Portland—S. S. Columbia, March 2, 12, 22; April 1, 11, 21. S. S. Senator, March 7, 17, 27; April 6, 16, 26.
REDUCED ROUND-TRIP RATE, $25.
Berths and Meals Included.
JAS. H. DEWSON, Agt.
Phone Main 268. 248 Washington St.

For South-Eastern Alaska
Steamers leave Seattle 9 P. M. S. S. Humboldt, March 6, 19, 31. S. S. Cottage City, March 10, 24. Through tickets to Dawson City.
For San Francisco direct: Queen, City of Topeka, Umatilla, 9 A. M., Feb. 12, 17, 22, 27; March 4.
Portland Office, 249 Washington st. Main 229
G. M. LEE, Pass. & Ft. Agt.
C. D. DUNANN, G. P. A., 10 Market st., S. F.

WILLAMETTE RIVER ROUTE
FOR
Corvallis, Albany, Independence and Salem.
Steamer Pomona leaves 6:45 A. M., Tuesday, Thursday and Saturday, for Oregon City, Salem and way.
Steamer Altona leaves 6:45 A. M., Monday, Wednesday and Friday.
OREGON CITY TRANS. CO.
Office and Dock Foot Taylor St.

ALASKA
FAST AND POPULAR STEAMSHIPS LEAVE SEATTLE 9 P. M.
"Jefferson," February 25, 9 P. M., via Wrangel.
CHEAP EXCURSION RATES.
On excursion trips steamer calls at Sitka, Metlakahtla, Glacier, Wrangel, etc., in addition to regular ports of call.
Call or send for "Trip to Wonderful Alaska," "Indian Basketry," "Totem Poles."
THE ALASKA S. S. CO.,
Frank Woolsey Co., Agents.
252 Oak St. Portland, Or.