

# THE AMERICAN GAS INDUSTRY

## Its remarkable development and growth—How this development applies to Roseburg

A prominent resident of the Rogue River valley asked me the other day, "Why is the Southern Oregon Gas Company laying out a great amount of money to rebuild and increase the capacity of its gas plants? I understand that the gas business all over the United States is going backward, that gas is gradually being supplanted in the home and industrial establishments with electricity, for heating, as well as for power purposes?"

I answered, "You apparently are either not informed of the true condition of the gas industry or you are misinformed by others whose business is opposed to gas business development."

### Here Are the Facts

In 1924 the sale of manufactured gas for domestic purposes in the U. S. A. exceeded any year previous to 1915, by over one hundred percent. The 1924 increase of manufactured gas sales over 1920 was in excess of 33 1-3 percent. The authentic figures for the U. S. A. given out by the American Gas Association at its mid-winter meeting, recently held at San Francisco and Los Angeles, show—

In 1924, sales of manufactured gas were 405 billion cubic feet (an increase of over 100 billion cubic feet since 1920). New customers connected to the lines of gas companies in 1924 were 444,000, making a total of 10,240,000 gas consumers as of December 31, 1924, serving a population in excess of 52 millions of people.

Sales of gas appliances during the year of 1924 were:

Over 800,000 gas ranges.

Over 450,000 gas water heaters.

Over 500,000 gas space heaters.

Representing a total of over (\$50,000,000) fifty millions of dollars, for gas appliances.

After seriously contemplating these imposing and

convincing figures for a few minutes, my friend the prominent resident of Rogue River valley said: "Well, I can't understand how such progress could be made by the gas Company, because I am told that wood, or coal, or electric heat is cheaper than gas."

"Do you know how heat is measured?" I asked. "Do you know that heat, from whatever source is subject to the same definite system of measure as grain or water or muslin?"

"The unit of heat universally used in America and England is the British Thermal Unit. This is the amount of heat required to raise the temperature of one pound of pure water, from 39 degrees Fahrenheit to 40 degrees Fahrenheit—no more, no less. It is customarily abbreviated to "B. T. U."

One "B. T. U." is just as definite a unit of measure as one bushel or one gallon, or one yard, or one pound.

"Now taking up your arguments in order, one cord of hardwood in this territory sells for an average of \$12.00 delivered to you. It weighs an average of 3500 pounds and each pound contains an average of 4000 "B. T. U." By exhaustive experiments has been proven, and this can readily be shown to you; many engineers have determined that the heat recovered in useful work, from wood burned in a Cooking Range or a House Stove, represents an average of only 10 percent of the entire heat in the wood fired. So you have in actual work for:

\$12.00—1,400,000 "B. T. U."

\$1.00—117,000 "B. T. U."

A ton of average good western coal weighing 2000 pounds costs \$15.00 at least. It contains an average of 11,500 "B. T. U." per pound and shows an average efficiency of 14.3 per cent, so for \$15.00 you realize 3,289,000 "B. T. U." or for \$1.00 you obtain 219,000 effective "B. T. U." (In considering both wood and coal these figures make no allowances for the cost of labor to handle and fire the fuel, or the cost, trouble and annoyance of removing and disposing of the ash in addition to which much solid fuel is wasted in banked

or smoldering fires when heat is not actually required.)

Electric heat is as definite and fixed in quantity and quality as any other source of heat. One kilowatt is 3412 "B. T. U.," as Ethel Barrymore aptly said, "That's all there is, there isn't any more."

Using your own figures \$6.00 per month for electric cooking and lighting and \$2.65 per month for your 750 Watt electric water heater, according to your rates you are buying—

180 kilowatt hours for cooking and electric lights.

180 kilowatt hours in the water heater.

(I am estimating your hot water usage for 8 hours of each day, per month.)

360 kilowatt hours per month, means 1,228,320 "B. T. U." for which you pay \$8.65 or for \$1.00 you are buying 142,000 "B. T. U."

Now, assuming that your necessary cooking, lighting and water heat requirements are fully supplied with the 1,228,320 B. T. U. with which you are supplied monthly, it would take just 2224 cubic feet of Gas as now supplied in your city to equal this electric heat. This, according to the Gas Company's present schedule, would cost you \$5.49 a month or for \$1.00, you would buy 224,000 "B. T. U."

Such are the conditions generally throughout the United States for Heating and Cooking purposes, Gas is cheaper than wood or coal or electricity by from 10 per cent to 90 per cent. Gas heat is had immediately when you want it. It is shut off instantly when you are through with it; it is applied directly to the thing to be heated; it is more efficient for these reasons and that comprises the principal reasons why the Gas Industry is jumping ahead by leaps and bounds.

Mr. Withington Creed of San Francisco is the President of the Pacific Gas and Electric Company, one of the world's largest producers and distributors of Gas and Electricity, for domestic and industrial consumption. At a recent luncheon I heard him say, "We (The Pacific Gas and Electric Company) are firmly convinced that electricity can never compete with Gas for heating and cooking purposes."

The Southern Oregon Gas Company is converting its plants, so as to enable them to manufacture Gas from an unfailing supply of local fuels the better to serve its customers, and as more and more people come to use Gas in your city and as the consumption of Gas increases the rates will be automatically lowered and are always controlled by the Public Service Commission of the state of Oregon.

The entire country is alive to the truth of the slogan: "If it's done with Heat, it can be done best with Gas."

ASHLAND, MEDFORD  
GRANTS PASS, ROSEBURG

## SOUTHERN OREGON GAS COMPANY,

THOS. D. PETCH,  
Vice-President and General Manager.

### SCIENTISTS WILL SEEK TO SOLVE MYSTERIES OF "HEAD SQUEEZERS"

(Associated Press Leased Wire.)  
LONDON, April 6.—Efforts to solve the mystery of the "human head squeezers," a tribe of which almost nothing is known and which lives in the wilds of the mountains between the main Amazon basin and the northern Andes, is to be one of the aims of an exploring expedition to South America to be made next summer by Dr. William M. McGovern, one of England's most daring anthropologists. Dr. McGovern, who was born in Brooklyn, N. Y., visited Lima, the Peruvian city of Tibet, disguised as a Buddhist monk last year, and has headed numerous other expeditions in various parts of the world in the interest of anthropological research work.

The "human head squeezers" who have a way of reducing the heads of their victims to the size of a person's flat, according to Dr. McGovern, also are supposed to be the possessors of gold and diamond mines in their native haunts just to the north of the Amazon jungles. The Londoner plans to spend seven to ten months in their midst studying their habits and customs. No white man has ever solved the process of how heads are reduced in size without so much as disfiguring any of the victim's features and in the interest of science Mr. McGovern hopes to be able to overcome this riddle in the course of his explorations of this tribe and its haunts.

Dr. McGovern plans to leave London early in May and in the trip across the Andes will cover parts of Brazil, Colombia, Ecuador and Peru where an white man, so far as is known, has never before set foot.

Dr. McGovern will carry a wireless receiving set, cameras and other apparatus necessary for expeditions of this kind. He proposes to make observations and drawings which will be of future use to scientists throughout the world.

"I shall be particularly interested

in anthropological research work in the Amazon basin where interesting remains, such as great rock temples, of prehistoric tribes, are supposed to exist but to this day have never been seen by the white man," said the explorer. "Diamonds and gold nuggets have been bought from some of the natives on the edge of the unexplored country, and there is a belief that the natives have discovered mines within their native haunts from which they extract the precious stones and metal now and then. These natives of the interior have not even been seen by white men, so far as I know, and have been carrying on legends for generations with all persons, white or black, who have attempted to invade their territory."

The expedition will terminate at Lima, Peru, perhaps early next year from which place Dr. McGovern will go to the United States before returning to London.

**BUILDING LOTS**  
On Brown Avenue in West Roseburg, if you are contemplating building a home see Brown Avenue before you decide and see P. J. Jaffit for prices on lots on either side of avenue.

**FARM HAND BATTLES WITH MAD COYOTE**

(Associated Press Leased Wire.)  
PENDLETON, Ore., April 6.—Lloyd Graham, farm hand, emerged victorious in a fierce hand to hand encounter with a mad coyote, infected with rabies.

Graham was hitching his team when the gaunt and vicious animal charged him. It was frothing at the mouth, jaws snapping.

During the first attack Graham loosened a halter chain and hit the animal several blows. The chain whip finally subdued the animal, and he killed it before it bit him or the horse.

Winstel Chocolates—Fresh and Wholesome, each one dipped in Hershey's chocolate. They satisfy. Lloyd Crocker.

### CHILD LABOR ACT FAILURE RAPPED FROM THE PULPIT

(Associated Press Leased Wire.)  
CHICAGO, April 6.—The republican and democratic parties were blamed alike in bitter terms for the failure of the recently proposed child labor amendment to become adopted by Bishop Edwin H. Hughes, of the Chicago area of the Methodist Episcopal church, who spoke yesterday at the dedicatory services of the new Methodist Episcopal church at Lake Forest, Illinois.

"The platform of the republican party in the last national election," Bishop Hughes said, "proclaimed that the purpose of the party was to serve the people, yet it broke off of its most sacred planks when it failed to protect the childhood of the nation from exploitation."

"But the democratic party cannot boast," the bishop continued, "it in a cowardly manner, straddled the child labor question in its platform because it did not want to lose the support of the south. The democratic party never has had the courage to repudiate Tammany Hall."

**NOTICE—AUDIT OF COUNTY BOOKS.**

Notice is hereby given that the County Court will receive bids up to and including Wednesday, May 6, 1925, at 10 o'clock a. m., for the audit of the books of the Sheriff, Treasurer and Clerk of Douglas County, Oregon, for the year 1924. Successful bidder will be required to furnish a good and sufficient bond in an amount equal to 25 per cent of his bid. All bids to be filed with the County Clerk. The Court reserves the right to reject any and all bids.

By order of the County Court.  
IRA B. HIDDLE,  
County Clerk.

### POOR MATERIAL FOR U. OF O. TRACK TEAM

(Associated Press Leased Wire.)  
EUGENE, Ore., April 6.—Bill Hayward, veteran track coach and trainer of the University of Oregon, will be up against it this season.

He has only 6 lettermen back from last year's team, which won the Pacific Coast conference meet by a very narrow margin.

On top of that the squad in his charge has been handicapped more or less by poor weather, and he faces a tough time with his first schedule coming up April 11, when Oregon will meet Stanford at Palo Alto in a dual meet.

Four promising sprinters from last year's freshman team are the only men Hayward has in the dash.

In the hurdles Halsey and Cleaver are two veteran lettermen. He has another letterman in E. who will participate in the high jump. Captain Rosenberg, an-

other letterman, is out for broad jump.

For the other events Hayward will rely on last year's second-string men and on some able sophomores.

A promising amount of material is available in the weight, Bob Maatz, football captain, is working out for the shot, backed by several others, who may set into the winnings before the season is over.

Hayward, however, is none too optimistic. He is trying to get in his best looks early, in the hope that hard work will do a lot for his more or less inexperienced team.

### MILADY'S TOGS IN 1923 GIVEN VALUE IN TEN FIGURES

(Associated Press Leased Wire.)  
WASHINGTON, April 6.—The women's apparel manufactured in this country in 1923 was valued at nearly one and one-half billion dollars, an increase of nearly 40 per cent over 1921, the preceding census year.

The valuation as made public today by the census bureau was given in two divisions. The value of products of establishments primarily engaged in women's apparel manufacture was placed at \$1,261,272,846, an increase of 33.1 per cent over 1921, while the value of work done in contract shops was \$45,411,189, an increase of 2.6 per cent.

Of the total production value of the primary industry, \$594,944,266 represented skirts, suits and cloaks \$408,125,272 shirt waists, dresses and blouses, \$111,612,661 under garments, and accessories; \$130,562,723 other classes of women's clothing and \$4,927,784 all other products.

**PILES**

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"I suffered dreadfully with Piles for 19 years until an operation seemed necessary. But my physician requested that I try Dr. Charles J. Dean's non-surgical treatment, and today I am well and healthy."

If you, too, are suffering with Piles or other Rectal or Colon disorders, you must sooner or later stop experimenting with your health, and be cured as I have cured thousands of cases, many of the most severe and of long standing as 40 years. My non-surgical treatment is GUARANTEED. They to cure your Piles, or your feet will be refunded. Send today for my FREE illustrated book.

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### WASHINGTON WILL VIEW DESIGNS FOR T. R. CENOTAPH

(Associated Press Leased Wire.)  
NEW YORK, April 6.—The competition for the national monument to Theodore Roosevelt in the city of Washington was launched today according to an announcement made by James R. Garfield, president of the Roosevelt Memorial Association. It is being held to select a designer rather than a design and the trustees of the association have agreed to commission the winner to make the definite plans for the monument. Eight architects, six sculptors and four landscape designers, all of prominence in their respective fields, have been invited to compete.

The site of the monument is in Potomac Park, south of the White House, and not far from the Washington monument and the Lincoln memorial. A bill was passed by Congress at the last session giving the association permission to hold a competition with this site as a basis. The competition will close Oct. 1, and the jury, consisting of three eminent artists to be selected later will announce its findings Oct. 10. The designs submitted will be hung for the inspection of the jury in the Corcoran Gallery of Art in Washington.

The determination of the Roosevelt Memorial Association to create in the city of Washington a monumental memorial which shall adequately commemorate the character and significance of Theodore Roosevelt," writes Milton C. Medary, Jr., the association's professional adviser, "would of itself challenge the best expression of the arts and crafts in the United States. The site selected, however, greatly magnifies this challenge and places upon the designers of the memorial the weighty responsibility of solving a many-sided and complex problem of the first magnitude, permanently establishing the only remaining cardinal point of the great central composition around which in the capital of the United States is developing."

Taylor-made concrete is good concrete. Tel. 225-R.

### FLIERS TO MAKE HOP ARE CHOSEN

(Associated Press Leased Wire.)  
SAN FRANCISCO, April 6.—Two out of four naval officers who will make the U. S. navy non-stop flight from San Francisco to Honolulu in connection with the maneuvers off the Hawaiian Islands next month have been selected.

They are Lieut-Commander James H. Strong and Lieut. Commander Ralph E. Dunsen, representing the battle fleet. Fliers representing the cruiser fleet are yet to be named.

The fleet will not leave San Francisco until April 15, and the exact date of the fliers' departure has not been fixed, although

### ALWAYS HUNGRY

Growing children are almost always hungry and demand an abundance of vitamin-rich food.

### Scott's Emulsion

is vital-nourishment that helps children keep their strength and grow normally. Most children need Scott's. Scott & Borne, Bloomfield, N. J. 24-19

It will be early in May. Strong is said to be the best bomber in the service, while Davidson is ranked with the greatest pilots and squadron leaders.

This "hop" has been talked of for years, and the late Thomas H. Ince, motion picture magnate, once offered a prize of \$50,000 for the first flight.

The Boeing bomber plane has been designated for the 2700-mile San Francisco-Honolulu flight.

**PIE SOCIAL**  
The United Artisans will give a pie social and dance at Brockway, in L. B. Nichols hall, Thursday evening, April 9th. Good music and a splendid time assured all.

### MARKSMAN IS A GREAT TRAVELER

"Ad" Topperwein, the Texas rifle shot who is to give an exhibition in connection with the Roseburg Rod and Gun club shoot next Sunday, has been going up and down this country for more than a quarter of a century giving exhibitions with the rifle in behalf of the Winchester organization. There isn't any question about the ability of Topperwein. He begins where all the other experts leave off. Year after year for a quarter of a century Topperwein has been hitting the big spots and while he was in Florida in December he was asked about his travels for the year.

Topperwein keeps an accurate account of his movements. He has discovered that he shot in 129 different states in five different states and to do this he travelled 16,000 miles—and not all of it by pulman. In each of his exhibitions Topperwein fires between 500 and 550 shots, or for the year about 65,000 shots. He gave his performance before audiences totalling 150,000 persons.

The longer he shoots the better Topperwein gets. He is in demand all over the country. He always pleases. Not only does he know how to shoot but he is willing to give advice and instruction to others, and this naturally makes for additional popularity.

This being the last week before Easter Sunday, why not drop in and get your Easter egg candy, egg dyes, fancy cards, and chocolates. Also order your ice cream for Sunday dinner. Lloyd Crocker.

### SENATE ORATORY OFTEN AIDED BY RELAXING RULES

(Associated Press Leased Wire.)  
WASHINGTON, April 6.—Vice-President Dawes in his recent attack on one-man marathon talking events in the senate, and the more recent eight-hour speech of Senator Copeland of New York against the life of Pines trees, has led capital attaches to dig up noted instances of lengthy senatorial addresses.

The unofficial record is held by Senator La Follette of Wisconsin. Speaking on a current measure, on May 29, 1908, he held the floor for 18 hours and 29 minutes.

A 15-hour speech is credited to Senator Frazier of West Virginia, on January 16, 1891, when the Forre bill was under discussion. Senator Allen of Nebraska on October 11, 1893, engaged the attention of the Senate for 14 hours on the repeal of the silver bill; and a similar period was consumed by Senator Carter of Montana on March 23, 1901, while discussing a rivers and harbors measure. Senator Jones, Republican, Washington, made a 13 hour and 35 minute speech on February 8-10, 1915, during consideration of the ship purchase bill; Senator Burton of Ohio spoke for 12 hours and 19 minutes on a rivers and harbors bill on September 19-20, 1914; and Senator Smoot of Utah is credited with a speech extending 11 hours and 35 minutes on July 22, 1915, when the Underwood tariff measure was under debate.

The chamber at the other end of the capitol can lay claim to no such prolonged oratorical efforts. House rules preclude any lengthy address by one man, the longest being two or two and a half hours, when the chairman of a committee, in charge of a major bill, is explaining its provisions.

The elapsed time counted as the measure of a senate speech is not always occupied entirely with speaking. Frequently the speaker is interrupted by questions or quorum calls, which give a breathing space. The strict rule is that in order to keep the floor a senator must speak from his desk and remain standing, but various presiding officers have countenanced a liberal interpretation of this and permitted senators to walk about the chamber or rest on the arms of their chairs.

Senator Copeland, when he held

the floor for eight hours, recently drank in the course of his speech two glasses of milk, in which eggs were beaten up, a bowl of soup, and much water.

**Sir Knights Attention**  
Ascalon Commandery No. 14 will meet in regular convocation Tuesday evening at 7:30. Red Cross will be conferred.  
SAM J. SHOEMAKER, E. C.

**KLANSMAN'S ATTORNEY ASSAILS INDICTMENTS.**  
(Associated Press Leased Wire.)  
INDIANAPOLIS, April 6.—Indictments returned last week against D. C. Stephenson, former grand dragon of the Ku Klux Klan, charging him with an assault upon Miss Madge Oberholzer of this city, were attacked by his attorney in the criminal court today. A plea in abatement was filed against each of the five indictments. Judge James Collins indicated that arguments upon the motions asking abatement of the indictments would probably be heard next Saturday. Stephenson will enter no plea until Judge Collins has ruled on the motions.

Miss Oberholzer remained in a critical condition today from the effects of injuries from poison she is alleged to have taken following the attack.

**Arundel, piano tuner Phone 189-L**

**EX-TELLER GETS TWO YEARS**  
(Associated Press Leased Wire.)  
PORTLAND, Ore., April 6.—Paul Wong, a Chinese youth, formerly a teller for the Northwestern National Bank, pleaded guilty in federal court here today to a charge of embezzlement and was sentenced to two years at McNeil Island prison.

**MARY JONES, KIDNAPPER HELD ON \$100,000 BAIL.**  
(Associated Press Leased Wire.)  
NEW YORK, April 6.—Mrs. Mary Jones was held in \$100,000 bail on a charge of kidnaping after she had been identified in police court today as the woman who took five-year-old Raymond Von Maleski, Jr., from the Washington Heights district in a taxicab, March 29. The woman had been under arrest several days on suspicion of having kidnaped the boy as revenge against his father for causing her arrest recently.

Oakland, Calif., Oct. 13, 1924.

American Drug and Press Association, Deseroh, Iowa.  
Gentlemen:

Enclosed please find money order for which send me a large bottle of Meritol Rheumatism Remedy, 1 in including postage.

I have taken one bottle and am delighted with the improvement in my condition and I am sure that by continuing to use the Rheumatism Remedy faithfully for a little longer I will have entirely recovered. Kindly send this bottle by mail as quickly as possible as I cannot get along without Meritol Rheumatism Remedy.

Sincerely yours,  
Mrs. M. C.

Name and address on file preparation a thorough trial as many testimonials similar to the above are on file testifying to its merits.

Recommended by W. F. CHAPMAN'S PHARMACY

**The Safe SAVAGE WASHER and DRYER**  
Does more work Has no wringer

**Filmiest Fabrics Heaviest Portiers**  
Anything and Everything

Washed by the Savage Electric Washer without a button ripped off or torn.

Then, too, you have no wringing to do. The Savage does the drying by just simply spinning the clothes for a moment, and they are ready for the line.

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