

# AUTOMOBILE NEWS

## FORESEES MOTOR FUEL FROM COAL

### Gasoline Substitute Will Be Available When the Need Arises, Claim

PITTSBURG, Pa., Jan. 1. (AP)—A common lump of coal, productive now of little more than heat, smoke and ashes, is a veritable Wonderful Lamp in possibilities and American scientists are determined to be its Aladdin.

Smokeless coal, automobiles run on bituminous substitute for gasoline, universal gas heat instead of coal heat, are only a few of the changes bound to come about, experts say, as a result of increased scientific research.

**New Processes Tested**

Predictions of revolutions in energy sources have increased since the closing of the recent International Conference on Bituminous coal here, at which it developed that France and Germany had gone further than other countries in coal research.

Attention is being directed, not to the mines as in the past, but to the laboratories, said a scientist, a layman-educator, a coal expert and a government chemist.

"Some processes which are talked about a great deal can be adopted profitably," said Dr. Thomas S. Baker, president of the Carnegie Institute of Technology and sponsor of the international coal meeting.

**Wider Use Of Gas**

"There are great deposits of low grade coal in America which, when subjected to certain processes, can be transformed into higher priced products."

Dr. Baker pointed out that the most difficult problem facing the coal men from a business standpoint is overproduction.

"Abstract research," he added, "is likely to be more profitable than solving the every day problems."

A. C. Meidner, chief chemist of the United States Bureau of Mines, said he foresees the approach of the day soon when gas will be used in nearly all homes to take the place of coal heat. Some of the poorer class homes, he believes, will use coke extracted from coal by a process of low carbonization distillation. Either course would eliminate the problem of smoke.

**Motor Fuel Possible**

"Enough work has been done," he said "to show that when the need arises a gasoline substitute can be made for a low price not prohibitive for automotive use."

## OUT OUR WAY

By Williams



OUT OF HIS TIME — THE FIRST MAN'S SIZE PAY.

J.R. WILLIAMS  
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C. E. Leshar, assistant to the president of the Pittsburgh Coal Company, predicted that research will devise a substitute for anthracite, oil, gasoline and other processes for developing fuel.

A smokeless solid fuel out of soft coal, he asserted, will be a future fact. The development of such a fuel, he said, will make for steady mine operation, more finance and other signs of prosperity.

P. W. Speer Jr., advisory fellow of the Mellon Institute of Industrial Research, said coke will become more generally appreciated through the current scientific investigations.

Auto Salesman—Can't you find a horn would you like, sir? Do you care for a good, loud blast?

## Deep Snow Stops Moscow Stages on Hill Highway

LEWISTON, Ida., Jan. 1.—While the temperature here ranged as high as 38 degrees a light snow fell a few days ago melting when it reached the ground. The Washington state highway department is placing snow sheds along the main highways but this work is not yet completed.

Reports from Camas prairie points show a fall of new snow from a depth of two inches at Craigmont to four inches at Reubens and Cottonwood. The temperature is reported as moderately clear and calm.

Many a girl doesn't care if his head is empty so long as his gas tank is full.

with but managed to get through. The snow on the ground at Genesee measures an even foot and at Uniontown only three inches. The Washington state highway department is placing snow sheds along the main highways but this work is not yet completed.

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## Nez Perce Area Has 4,000 Autos, Shoshone 3,290

LEWISTON, Ida., Jan. 1.—The estimated population of Nez Perce county is 29,000 and the number of automobiles owned and operated in the county is within a few of being 4000, which means that the entire population could be comfortably transported at one trip.

The county assessor reported that so far this year dealers have reported sales of 1232 new cars and in making these sales 740 cars were taken in trade. Conservatively estimating the average new car to cost \$1000, the sum invested in 1926 was \$1,230,000.

To date, 4378 licenses have been issued by the assessor for motor vehicles, this being an increase over last year of 1041.

WALLACE, Ida., Jan. 1.—Shoshone county has 3290 passenger automobiles, 394 trucks and 32 motorcycles, according to a final report for 1926 which was issued at the office of W. H. Herrick, county assessor. Total collections were \$60,662.19, of which Shoshone county retains \$54,255.90.

In addition to vehicle licenses issued, Herrick reports that 44 chauffeur's licenses were issued during the year, and that 129 cars were transferred.

The total number of cars, 3290, is about 500 more than last year, and on the basis of 14,000 population, there is one car for every four residents in the county.

sults, such as restlessness, excitability, muscular tremor, rapid pulse, loss of flesh, and later, bulging of the eyeballs. Between these two extremes there is quite a variation in the amount of secretion and the results. Natural increase in the size of the gland occurs at certain periods of life, most noticeably at budding manhood and womanhood. This enlargement apparently occurs to provide an increased production of the secretion necessary for that period of life.

Certain localities show an unusual number and persistence of thyroid enlargements. The iodine content of the water is usually low in these regions.

It has been found that a certain amount of iodine in chemical combination in the gland is necessary for its proper function. When the amount of iodine is small, enlargement of the thyroid takes place, apparently from the effort to supply this need.

Goitre in its early stages is preventable, the physiologic type by proper amounts of iodine, given under the direction of a physician; the pathologic type by the removal of the local infection producing it.

Later such efforts are unavailing, and the increase in size and other distressing symptoms progress so that surgical intervention becomes necessary. Certain degenerations in the cardiac apparatus occur in the late cases which add to the gravity and sometimes exclude both medical and surgical aid.

The following statements seem justified on the basis of known facts:

Goitre is a preventable disease. It is curable in the most advanced cases. This may only be accomplished safely under competent medical advice. Such measures as rest, medication, x-ray, and proper surgery are necessary to obtain the best results.

If some people we know find all heaven, there is going to be a good deal of criticism of God.

Flappers may not be as glib as their grandmothers, but it's a cinch they're more easily seen through.

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## HEALTH

### GOITRE IS PREVENTABLE

By J. Garland Sherrill, M. D., Louisville, Ky.

Member Gorges Memorial Inst.

The term goitre is applied to enlargements of the thyroid gland. The latter is a small structure lying across the windpipe, and moves up and down in the act of swallowing. It is below the Adam's Apple.

This little gland produces a secretion which enters the blood stream and is very important in the growth and nutrition of the individual. If this gland produces its secretion in too small quantities for proper nutritional balance certain characteristic changes occur; slow physical and mental growth, lassitude, and accumulation of fat.

On the other hand, when this gland becomes over-active, an exaggerated activity of the body re-

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in 1926

THE WORLD'S BEST BUY  
in 1927

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## A good cold weather starter now more dependable than ever

Probably no single feature of Dodge Brothers Motor Car has been more widely talked about and commended than the power and promptness of the starter.

The new two-unit starting and lighting system now advances Dodge Brothers leadership in this important respect still further.

There are now no moving starter parts when the car is in motion—no starter chain—no noise—no wear. The new starter is even more DEPENDABLE than the old, and far simpler and more compact in construction.

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We Also Sell Dependable Used Cars

## DODGE BROTHERS MOTOR CARS



—NEA, Washington Bureau.

AROUND THE WORLD with a camera is the aim of Mr. and Mrs. Farrer of San Francisco, who visited the White House recently. Farrer is a disabled war veteran, while his wife is a concert singer. They began their life in 1922.

IN the Standard Six Custom Sedan you have the subtle loveliness of custom design, the tasteful luxury of custom quality, the faultless harmony of custom finish, and the outstanding performance that is uniquely Studebaker—all at a One-Price price!

Full-visions steel body in duotone lacquers with disc wheels to match. Chase mohair upholstery, broadlace trim, Butler finish hardware, and the quiet Studebaker L-head engine, famous for its silky smooth performance.

Based on the power ratings of the Society of Automotive Engineers, the Standard Six Custom Sedan is the most powerful car of its size and weight. See it—ride in it!

Studebaker Standard Six Custom Sedan  
\$1385

*L. & L. factory, including front and rear bumpers, two-beam acorn headlights, and a no-draft ventilator windshield (a luxury Studebaker)*

M. J. GOSS

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