

LONG PIPELINES SOON MAY CUT GASOLINE COST

Underground Carrier From Oklahoma Refineries to Kansas City in Operation Soon.

TULSA, Okla.—(AP)—A new era is dawning in the transportation and distribution of gasoline, the petroleum industry's principal money product.

Shipment of gasoline through pipelines built especially for the purpose is about to be inaugurated. By the first of February the Great Lakes Pipeline company expects to be conveying gasoline from Oklahoma refineries to Kansas City through a new underground carrier.

Work on a second gasoline pipeline from Borger, Texas, to St. Louis is being rushed by the Phillips Pipeline company, a subsidiary of the Phillips Petroleum company. These are the first pipelines built expressly to carry gasoline, although the fuel previously has been shipped through Pennsylvania pipes lines originally built for crude oil.

Cuts Delivery Costs.

Material lessening of distribution costs and delivery of greater reliability are advantages claimed for the new form of transportation.

The Great Lakes company estimates its line, which is to be extended as far north as Minneapolis and as far east as Chicago, will carry the refined product at a cost of about one cent a gallon for the long haul, as compared with 2.25 cents by rail.

Bulk stations at 50-mile intervals along the lines will serve adjacent territory.

Engineers say the operating problems or dangers in transporting gasoline by pipeline do not vary greatly from those involved in the transportation of crude oil.

MEDFORD ELKS JOIN ASHLAND FOR MEET

A delegation of Medford Elks will motor to Ashland tomorrow evening for a joint session with members of the neighboring lodge. Plans for the state convention, which will be held in Ashland in July, will be the leading topic at the business session.

Buy Russian Cotton.

LIVERPOOL.—(AP)—Thirteen thousand bales of Russian cotton, valued at \$750,000, have been purchased by a Lancashire spinning-mill combine. Part of the cotton is here and the remainder will be shipped during the next few months.

Swedish Air Traffic Gains.

STOCKHOLM.—(AP)—Airplanes in regular traffic in Sweden during 1930 carried 2,224 paid passengers 135,219 miles. In addition, 13,703 passengers were carried on "joy rides." More than 61,000 pounds of mail, exclusive of that carried on the 46,274 miles flown at night, were transported.

Radio Program KMGD (Mail Tribune-Virgin Station)

Friday.

- 7:55 to 8—People's Electric; news and markets by Mail Tribune.
- 8 to 7—Farmers Co-op; Your Office Boy; Checker Cab.
- 7 to 8—Let's Get Associated; News Digest; Murray and Harriet; UBC.
- 8 to 9—KMGD presentation; Stories; UBC.
- 9 to 10—Venetian Nights; Jimmy Buttlers orchestra; UBC.

Saturday.

- A. M.—
- 7:55 to 8—Breakfast Tribune; east of news by Mail Tribune.
- 8 to 9—KMGD presentation.
- 9 to 10—Friendship Circle; Domestic Science.
- 10 to 11—Schilling Co.; Alexander's Food Shop.
- 11 to 12—Gold Seal; White King.

- P. M.—
- 12 to 1—Sweeney's Book and Gift Shop; Health's Drug Store; Lewis Service Station; news flashes by Mail Tribune.
- 1 to 2—KMGD presentation; Scientific Laboratories.
- 2 to 7:15—Hospitality; Trials.
- 4:15 to 5—Kidder's Period; Cecil and Sally.
- 5 to 6—Boy Scouts; Girl Scouts; news and markets by Mail Tribune.
- 6 to 7—Yellow Cab; Begbie Service; KMGD presentation.
- 7 to 8—Let's Get Associated; News Broadcast; UBC.
- 8 to 9—English Gibson Orchestra; UBC.
- 9 to 10—UBC.

RADIO

- 7:30 to 8 p. m.—RKO Theater of the Air; NBC service to KGO, KIQ, KQMO, KGW, KFL, KPSS, KTAAR.
- 8 to 8:15 p. m.—Amos 'n' Andy; NBC service to KGO, KIQ, KQMO, KGW, KFL, KPSS, KTAAR.
- 8:15 to 8:30 p. m.—Brownbill Footlites; NBC service to KGO, KIQ, KQMO, KGW, KFL, KPSS, KTAAR.
- 8:30 to 9 p. m.—Mellow'd Melodies; NBC service to KGO, KIQ, KQMO, KGW, KFL, KPSS, KTAAR.
- 9 to 9:45 p. m.—Bill Billy Boy; NBC service to KGO, KGW, KFL, KPSS, KTAAR.
- 9:45 to 10 p. m.—Mystery serial; NBC service to KGO, KPSS, KSL, KOA.
- 10 to 10:15 p. m.—Vocal Trio; NBC service to KGO, KSL, KOA.
- 10:15 to 11 p. m.—Metropolitans; NBC service to KGO, KSL, KOA.
- 11 to 12 p. m.—Dance orchestra; NBC service to KGO, KFL, KSL, KOA.

More Soviet Wheat.

MOSCOW.—(AP)—Planning to increase the wheat yield of the state farms in 1931 by 15 per cent, the soviet government has decided to grant credits of \$375,000,000 for new agricultural machinery.

Egypt Gets U. S. Program.

WASHINGTON.—(AP)—Dr. Julius Klein, back from a trip to America, reported that in Cairo, Egypt, at least six persons there were regular listeners to his weekly talks on "The World's Business."

ARMOUR WIDOW REAPS WEALTH BY OIL PROCESS

Standard Oil's Purchase of Cracking Formula Like Fairy Tale For Mrs. J. Ogden Armour.

By LEO J. RYAN

CHICAGO.—(AP)—Once they were prince and pauper—the Armours of American meat-packing aristocracy and the Dubbises of a rickety shack in the Pennsylvania oil fields. They met, through the fitting curtain of tragedy—and the Dubbises, no longer poor, have restored part of the lost Armour fortune.

It is the kind of a tale the old Grandma fairy-story books might have told.

Back at the beginning of the century, when people were still a bit afraid even of kerosene lamps, Jesse A. Dubbis and his boy—named Carbon Petroleum Dubbis—were tinkering in a tumble-down shanty in Pennsylvania, prying into mysteries of the power of oil.

Riding High

The Armours then were riding the swell of a fortune in the hundred millions, as the scientific age had its magic hand on the business of packing meats.

But the Dubbises fell on, often wearily, against continued discouragement. They could "crack" oil, juggle complicated chemistry of the grease and make it produce anything from axle grease to fine perfumes or powerful explosives. But nobody was interested.

American finance turned up its nose at oil, or methods of cracking it. The Dubbises carried on—and in 1905 they were "flat broke." They went to California, where the tempo of life was faster, they believed, and where somebody might be interested in "cracking" oil.

In 1914 J. Ogden Armour went to California, too, with his associate, R. J. Dunham, to look over oil fields there.

Mr. J. Dunham, a well known in Medford, often visiting here, is Frank Preston's brother-in-law and still is part owner of the Preston ranch on the Applegate.)

Sold Idea.

Jesse Dubbis heard of their visit and he "sold" them on the idea of "cracking" oil. Armour put millions into the process in the years that followed.

In the meantime the war had come, brought with it huge contracts for Armour for meats, and ended suddenly, leaving his business with tremendous quantities of meats on his hands.

The Armour fortune shook and crumbled—at a rate of \$1,000,000 a day. J. Ogden Armour, "broke," died in London in 1927. Creditors refused to consider the stock in the oil-cracking scheme. It went to Mrs. Armour in lieu of payment of a loan.

Jesse Dubbis died, too, without seeing the triumph of his life work. But with Standard Oil's purchase of the "cracking" process Mrs. Armour has received more than \$5,000,000 of the Armour fortune, and the "boy," Carbon Petroleum Dubbis, has reaped a fortune of more than \$3,000,000. The process sold for more than \$22,000,000. R. J. Dunham, incidentally, is now a multimillionaire.

HOLLOWAY BUYS GROCERY STORE ON NO. CENTRAL

W. A. "Bill" Holloway, well-known Medford grocer, has purchased the Reliable Cash Grocery store on North Central avenue from C. A. Whitlock, according to announcement made today.

Fifteen years' experience in the grocery business is the record of Mr. Whitlock, who in addition to having worked for the Golden Rule Mercantile company in this city, spent several years with grocery firms in Chillicothe, Klamath Falls and in the employ of the Butte Falls branch of the Golden Rule.

Free delivery along with high quality merchandise and dependable service will be featured at the Reliable under the new management. Three deliveries will be made daily at 8 a. m., 10 a. m., and 2:30 p. m., and telephone orders will be given careful attention in case it isn't convenient for customers to call at the store.

'SKIN' SPRAY OF CELLULOSE CHOKES WEEDS

Berlin Engineer Invents Inexpensive Device—Ground Nutrient Also Available.

BERLIN.—(AP)—Eradicating weeds from a field under cultivation may become an easy, inexpensive matter with a cellulose spraying device invented by Arthur Streich, Berlin engineer.

By spraying a field with one part of cellulose diluted with 19 parts of water, a continuous tough skin adhering tightly to the ground is produced.

This cannot be dissolved or washed away by rain, but it can be peeled off the ground easily after the harvest.

The cost is estimated at one-fourth to one-half cent per square yard for a coating half a millimeter thick.

Tests have shown that it chokes weeds which have weak germinating power, and hence obviates weeding and ridding work.

At the same time it insures a richer and better harvest of the crop planted, Streich says, not only because the nutriment in the ground becomes available solely for the useful plants, but also because moisture and heat absorbed by the earth are prevented from evaporating or escaping.

The paper cover thus serves to store heat and moisture so the temperature remains practically uniform even during the night.

The idea of killing weeds by covering them up did not originate with Streich, the inventor pointed out. His spraying process is an adaptation of a principle first employed by an American, Charles E. Eckart of Honolulu.

Eckart's method of covering the fields with tough wood paper is expensive, Streich said. For spraying this paper, especially constructed paper-laying machines pulled by horses or motors had to be devised.

Over half a million dollars are expended annually on Hawaii for this paper covering process," Streich said. "Such enormous outlays are not prohibitive or unprofitable in Hawaii, where there are two harvests a year.

For general use, however, this process is impracticable, not only because of the price, but also owing to the fact that fastening the paper to the ground with clips, pegs, sand or stones is a tiresome and time-consuming process which, after all, offers no guarantee that, in the event of wind or storm, the covering will not tear or be removed entirely."

Streich's spraying method, he says, is applicable to all useful plants, except cereals. To the cellulose may be added, besides water, any other substances necessary as soil ingredients, such as lime or potash.

For planting seeds or young plants, holes must be pierced through the cellulose layer in the same manner in which they are now cut into the paper covering in Hawaii. The watering of the plants is likewise done through these holes.

Book Business Booms.

LONDON.—(AP)—Bad times seem to stimulate reading for 1930 was the most prolific year in the history of British publishing. The year saw 15,393 books published, 1,307 more than in 1929.

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Genuine 50c quality. In shades of brown, grey and tan.

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At last you can buy a good shirting at a real economical price. A woven cloth. Absolutely fast.

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BEER DRINKING CURTAINS WINE USE IN FRANCE

Year-End Holidays Celebrated With Cheap Beverages—Wine Men Boost National Drink.

PARIS.—(AP)—Appalled by the flood of water and beer that marked the ushering in of the New Year, French wine interests have started a campaign in favor of the country's national beverage.

Posters vaunting the cheering qualities and robustness of Burgundies, the happy psychological effects of champagnes, the beauty and delicacy of Bordeaux, have appeared on billboards throughout France.

The newspapers have published special editions devoted exclusively to wines and liquors and the campaign has taken on the aspect of a patriotic duty.

The year-end holidays in Paris were the driest since the armistice, with mineral water bottles filtering 50 per cent of the tables.

Medical experts diagnosed this flood of water as due to congestion of the liver. Others ascribed it to congestion of the portulac, the goodly number of tables decorated only with democratic beer glasses lending authority to this latter analysis.

Many of the Montmartre resorts, where in previous years one could not buy a seat at a crowded table for \$20, closed around 2 in the morning for lack of customers.

WASHINGTON.—(AP)—Of the more than 8,000,000 automobiles operating outside of the United States, the department of commerce estimates that 50 per cent are of American origin.

Fabrics for Spring!

'Shan-Tun'

Noveltex fabric prints in the newest spring-time designs and grounds of tan, orchid, rose, and green, yard

69c

Silk and Rayon Crepe

36-inch silk and rayon crepe, specially priced at, yard

\$1.25

New Spring Cambric Prints

Think of it 100 smart new patterns to choose from. Small dainty patterns for kiddies' garments to large floral designs for women's wear. 80 threads each way to the square inch. 36 inches wide, absolutely fast colors, yd.

25c

Rayon Flat Crepe

New spring designs in rayon printed flat crepe, 36 inches wide, yard

75c

Final Sale of Panel Curtains

\$1.25 values

75c

Cretonnes

Guaranteed fast-color cretonne, 36 inches wide, yd.

35c

Hundreds of Bargains In Our —

Manufacturers' Close-Outs Bring Amazing Savings To Southern Oregon Shoppers

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FINAL CLOSE OUT — of — Winter Shoes

Some amazing bargains in winter-stylish shoes. Be sure to see the values we are offering.

\$5.85 Shoes
\$4.45
\$4.95 Shoes
\$3.95

BARGAIN BASEMENT

Prices Reduced on SHOES

Men's Work Shoes

\$1.98 to \$3.95

A wide selection at these low prices! All-leather and Paracord soles and choice of plain or pack toes.

Every Pair of Shoes in Our Basement Store Going On Sale!

Three Big Groups at

\$1.98 \$2.69
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None higher in price! A wide range to choose from!

Children's Shoes

\$1.00 \$1.49
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