

ASPHALT SERVES MAN'S PURPOSES IN MYRIAD WAYS

Most of American Supply Now Made at Petroleum Refineries—Aids in Quieting Nerves of Moderns

WASHINGTON, D. C.—(Sp.)—One more product which the United States formerly imported from abroad is now almost entirely manufactured at home. Recent statistics of the United States Bureau of Mines show that more than nine-tenths of the asphalt used in this country is made at petroleum refineries, and only one per cent is derived from native deposits occurring in various parts of the world, such as the famous pitch lake on the island of Trinidad, British West Indies.

"Asphalt, whether natural or artificial, is a black, sticky substance famed for countless centuries as a binder, preservative, and waterproofing material," says a bulletin from the Washington, D. C. headquarters of the National Geographic society. "Native asphalt, or pitch, was employed by the ancient Egyptians for impregnating mummy wrappings, while Assyrian boatmen dabbed it on the sides of their circular gulfers."

MANY USES.
"Nebuchadnezzar used asphalt to smooth the streets of Babylon for the wheels of his gold-plated chariots, but many centuries were to pass before the world rediscovered asphalt's weathering qualities and the ease with which it can be combined with other paving materials. Today asphalt is the binding medium for an estimated three-quarters of American city streets having pavements of a higher grade than untreated macadam.

"In that part of the U. S. public works \$600,000,000 highway program now completed, or under construction, nearly three-quarters of all highway types above the class of untreated gravel or stone roads are of asphalt, or use asphalt as a binding medium. An equal percentage of all airport surfacing better than plain earth, gravel or cinders consists of the same material.

"Properly and life itself are being made safer along the turbulent Mississippi where, only this year, U. S. army engineers believe they have solved the century-old problem of retreating the banks to keep the stream in its channel. Great, tough waterproof mats, impregnated with asphalt, have been laid from low

waterline, out to the channel, thus literally paving the river bed.
Absorbs Noises in Radio Studios.
"While an ally of modernity, asphalt also serves as an antidote for modernity's chief nuisance—noise. Twentieth-century nerves are soothed by noiseless asphalt floors and sidewalks, and the sound-absorbing qualities of asphalt treated roofs and walls. Radio studios use the product extensively.

"The sports world is served by resilient asphalt surfaces for tennis and handball courts, and playgrounds. The arena of the Madison Square Garden bowl, in New York, is of asphalt construction throughout—the first place of the kind ever built.

"Versatility for industrial purposes is demonstrated by the use of asphalt for battery box walls, in the heat-resistant enamel of automobile hoods and for moisture-proof shipping containers. Asphalt yields a protective paper for wrapping and is an essential in tree surgery.

"From the work-a-day field of industry to the realm of art is an easy jump for this resilient substance. Asphalt is employed in moulding compounds for bas reliefs, frames and other plastic forms.
Chemical Composition a Mystery.
"Although the exact chemical composition of asphalt is not known, chemists have found that it consists of a very complex mixture of hydrocarbons and their non-metallic derivatives. Certain of these compounds are heavy, oily bodies, which hold the harder, solid constituents in solution. The oily bodies give plasticity, and the harder bodies provide waterproofing and cementation.

"Asphalt is recovered from the crude black oils of Mexico, South America, California, and some of the mid-continent fields by a simple distillation process. Solvents such as gasoline, kerosene and gas oils are bottled off in the still, leaving the black, sticky, non-volatile asphalt behind. As the oily constituents of asphalt can also be bottled off, it is a simple matter to produce a finished asphalt cement of any degree of hardness.

"Native asphalts, such as those of Trinidad and Venezuela, have been produced over long periods of time in nature's laboratory or refinery. The original petroleum in which they occurred was subjected to a slow process of evaporation which eventually removed the lighter solvent oils. Asphalt also occurs in certain sandstones and limestones, and in a very brittle form known as Gilsontite, in Colorado."

LA GRANDE APPOINTS CITY SCHOOL LEADER
LA GRANDE, Ore., Dec. 20.—(AP)—At a special meeting of the La Grande school board last night Principal Arnold L. Gralapp of La Grande high was appointed city superintendent of schools, effective January 1, 1935. He takes the place left vacant by the unexpected death earlier this month of Superintendent Herbert Evans.

FIRST METHODIST CHRISTMAS TREE PROGRAM FRIDAY

The Sunday school of the First Methodist church will give their annual Christmas tree program tomorrow, Friday evening, at 7:30 o'clock, to which the general public is invited. Following the custom of past years, a "White Christmas" will be observed, everyone bringing some donation for the needy, wrapped in white paper. The offering will go to the sinking fund of the church, which is being raised to apply on the church debt.

The following program has been prepared:

1. Song, "Joy to the World" (by audience), accompanied by orchestra.
2. Invocation.
3. Orchestra (two numbers).
- Section I—Beginners Department.
 1. Recitation, "The Wise Men." Richard Harrison, Gene Neff, Jimmy Tucker.
 2. Song by the Department, "Silent Night, Holy Night."
 3. Recitation, "The Shepherdess." Carl Burk, Jimmy Scheffel.
4. Recitation:
 1. Marian Brill, Harriet Fay, Thelma Gordon, Gail Godding, Donnie Faber.
 2. Angela Chorus.
 3. Recitation by Angels.
 4. Song by the Department, "Away in the Manger."
- Section II—Primary Department.
 1. Song by Primary Department, "Silent Night, Holy Night."
 2. Exercise, "Christmas." Second Grade.
 3. "The Meaning of Christmas." Third Grade.
- Section III—Junior Department.
 1. Recitation, "Under the Star," Dorothy Stubbfield.
 2. Recitation, Joan Burk.
 3. Recitation, Helen Cox.
 4. Recitation, "The King." Irene Franklin.
 5. Song by Junior Department, "Lullaby, Christ Child."
- Section IV—Intermediate Department.
 1. Song by Four Girls, "Long, Long Ago."
 2. Recitation, "Hilda's Christmas." Mary Beth Bradfish.
 3. Recitation, Geraldine Clemens.
 4. Recitation, George Bigler.

LOS ANGELES RAILWAY SETTLEMENT NEARS

LOS ANGELES, Dec. 20.—(AP)—Peaceful settlement of the labor difficulties between the Pacific Electric railway and its trainmen appeared possible today, with only a few cents an hour on the basic wage scale standing between them as the principal obstacle.

The Brotherhood of Railway Trainmen had threatened a sympathetic strike on the three transcontinental railroads serving Los Angeles, should strike take place. The sympathetic walkouts was to affect the entire Pacific coast and extend eastward as far as El Paso, Texas, and Salt Lake City, Utah.

MASKED BANDITS GET ELECTRIC CO. PAYROLL

PHILADELPHIA, Pa., Dec. 20.—(AP)—Five masked men held up the transportation and supplies building of the Philadelphia Electric company today as employees were being paid off and escaped with a pouch estimated to contain between \$40,000 and \$48,000 in cash.

Be correctly corrected in an artist model by Ethelwyn B. Hoffmann.

PERRINE INSISTED ON HALL'S ARREST ASSERTS NIESON

Deputy District Attorney George A. Nelson testified in the damage suit of E. C. Hall of Eugene, member of the contracting firm of Hall and Washburn, against C. J. Perrine, Ashland merchant, that Perrine insisted upon the issuance of a complaint against Hall, though Nelson advised against it. The county official also testified that he told Perrine, the latter alone, would be responsible for any suit that might arise from the filing of the complaint.

Nelson further testified that "a rather heated argument" arose between himself and Perrine over the issuance of the complaint, but that Perrine still insisted.

Nelson then had the complaint prepared and instructed Perrine to sign and swear to it, before the Ashland justice of the peace. The deputy district attorney also testified that "in cases of this nature we always like to investigate both sides," and complaints are never issued, "save upon probable cause."

Perrine later signed the complaint, the evidence showed, and it was served upon Hall at Eugene. False arrest

is alleged. Hall seeks general, special, and punitive damages totalling \$28,152.21.

Hall is charged with grand larceny in the complaint. Perrine alleges that Hall, engaged on a Pacific highway contract near Ashland, appropriated timber belonging to Perrine, in the construction of temporary "false work."

State police and other county employees, testified today relative to the issuance of the complaint.

Hall in his damage action, claims that he was "humiliated," and delayed in the keeping of an important business conference in Utah, by the filing of the complaint.

PHOENIX AID TO GIVE PLE SOCIAL ON FRIDAY

Ladies' Aid of the Phoenix Presbyterian church will sponsor a ple social Friday at 7:30 p. m. A feature of the program will be a comic debate. Other entertaining numbers will be special music, readings and a pie-eating contest.

Charles Pickett will act as auctioneer. The public is cordially invited.

Professor Harrington Wells of Santa Barbara, Cal. State college claims to have discovered that whales have lice.

During December the Tabba tunnel at Atami, Japan, which cost about \$12,500,000 to construct, will be opened.

THERE'S NOTHING CAN TOUCH APPLEJACK BRANDY AT CHRISTMAS



YULETIDE GLOW AND CHEER IN SMOOTH, MELLOW HILDICK

What could be better for Christmas kials, punches, toddies, Tom-and-Jerry—or for the plum pudding—than fine, velvet-smooth Hildick! Real brandy quality, never blended— at a price under many blends! Use in any recipe that calls for whisky or brandy.

NOTE: Hildick makes a grand gift, too.

HILDICK Applejack BRANDY

For recipe booklet, write Van Landingham Co., Becliff Bldg., Portland

CLOSE OUT SALE Christmas Cards - Seals Wrappings

Choice of the greatest and finest stock in Southern Oregon, **1/2 PRICE** for

CUSTOMERS MUST MENTION THIS AD TO SECURE THIS SPECIAL

WURTS GIFT SHOP
Corner Sixth and Central

HEXOL GERMICIDE

Will not burn the tissues. A teaspoonful to a quart of warm water effective, safe as a cleansing douche. Hexol has a pleasant odor. Ask your Doctor.

Directory of Gifts for Men

Gifts Between 25c and 50c

- Silk Neckwear
- Silk Hosiery
- Cuff Links
- Garters and Bow Ties
- Fancy Handkerchief set
- Belts
- Suspenders
- Boxed Gift Sets

Gifts Between 50c and \$1.00

- Fancy shirts
- Leather Bill Folds
- Toilet Sets
- Imported Lisle Hosiery
- Fancy Wool Hosiery
- Bill Fold Sets
- Silk Neckwear

Gifts Between \$1.50 and \$2.50

- Fancy shirts
- Shirts, with Collars to Match
- Gift Box Handkerchiefs

Gifts Between \$2.50 and \$7.50

- Belt Buckles and Beltogram sets
- Cashmere Mufflers
- Sweaters
- Silk Mufflers
- Dress Trousers
- Imported Silk Mufflers
- Silk Shirts
- Wool Bath Robes
- Suede Jackets
- Bath Robes
- Pullover Sweaters
- Smoking Jackets

Gifts Between \$5.00 and \$10

- Novelty Palmans
- Military Brush sets
- Golf Knucklers
- Leather Coats
- Sport Wool Blazers
- Fur Lined Gloves
- Leather Gloves
- Flannel Robes
- Traveling Sets

Lee's Men's Shop
NEXT TO RIALTO THEATRE

Each gift neatly wrapped—All ready for the tree

Ladies! Come in and Select "His" Gift at "His" Store

A small deposit holds any selection until Christmas

FRIDAY-SATURDAY-MONDAY Final Three Days of John Cupp's SACRIFICE FURNITURE SALE

Right at the Peak of the Holiday Season Buy Gifts at AMAZINGLY LOW PRICES

\$20,000 Stock—No Sale Merchandise—Cut to the Bone in a Mighty Money Raising Sale

Bedroom Suites

Think of it! About 60 Fine Bedroom Sets to choose from and every one an OUTSTANDING BARGAIN. Modern and conventional styles in walnut and colors... prices as low as...

\$26.95

Club Chairs and Stools

We have a fine selection of about thirty new Club Chairs which have just been received at our store. There is a splendid selection of covers and wide choice of colors and grades. If you are not satisfied with one of these chairs after you have purchased it, let us know at once, and we will make you a profit on it.

Club Chairs as low as **\$17.95**

FIREPLACE SCREENS AND SETS ON SALE

DESKS

A fine assortment of styles and sizes. In desks... A fine selection to the Christmas gift problem, sacrifice Sale Prices as low as **\$9.75**

SENSATIONAL BARGAINS IN MATTRESSES

Famous Simmons Mattress... A limited number of them, inner spring, going on sale at **\$29.75**

Only a limited number Regular \$40.00

Cotton Felted Mattresses

40 lb. Cotton Felted Mattresses Prices as low as **\$5.75**

MONTAG

Circulating Heaters

Folks, we are going to sell Montag Circulating heaters at prices so low they will astonish you. There are quite a number of them for you to choose from, so be sure to see what we have to offer. The large heavy duty Montag which regularly sell for \$98.50 will go on sale for only **\$65**

RANGES

A regular line of Montag ranges... The BEST the market offers amazing bargains. There are 45 Ranges on sale... other brands of ranges at prices lower than used ranges.

Yes... a group of used ranges too. One lot of 20 fine ranges which regularly sell for \$55,000... Your choice during this sale **\$42.50**

Cedar Chests ON SALE

Here are the finest quality chests we have ever offered of them for your selection... All solid eastern cedar... the kind that really keeps moths out. Be sure to see this stock, let a cedar chest solve your gift problem. All sizes and prices as low as **\$14.95**

Rug Bargains

Here is the finest assortment of rugs we have ever had in our store... Lots of them too... Over 100 to select from... There is every type of rug from moderate priced Axminster to the famous Gulistan orientals. There are small size, large size, and various shapes... Here's an example of the values we offer: \$12 Axminster Rug **\$16.00**

Odd Furniture Pieces

Here's an opportunity to make real savings on your Christmas gifts of furniture. We have a splendid selection of small tables, chairs, book cases, foot stools, card tables, smoking sets, mirrors, Nunda rugs... Yes, the round kind and oblong sizes... everything going at sacrifice prices...

Sale of Linoleum

Our fine line of Armstrong Linoleum both in solid and printed, goes on sale during this sacrifice event.

REMNANTS! LOTS OF THEM!

Occasional Chairs

A large shipment of occasional chairs arrived last Friday, and they will be included in this sacrifice sale.

And listen!... Every chair is made of hardwood at prices you would expect to pay for pine and fir chairs. There are about 40 of them to choose from at prices as low as **\$6.75**

Sale of Lamps

Never has a Medford Store offered such a complete selection of lamps of quality, as we are featuring in this great selling event.

Think of it!

Over 250 lamps purchased directly from Chicago, with no application in the city. Our stock includes table, floor, radio, and reflector lamps... Every one an outstanding bargain.

John Cupp Furniture Co.
Sixth and Bartlett Medford