

Little Known Facts and Delights on Oil Industry

Builders— The "tin-can tourists" who America's trailer population sent a steady stream into the cash drawers in every section of the state. Their numbers will far exceed a million in 1939, according to reports.

Unique Branch— "Trailer" is a unique branch of the tourist business, for it experienced its greatest growth during the depression years. Early in the depression there were about 150,000 trailers. By the end of 1937, there were nearly 300,000 trailers over the highways. More than half of them were built by manufacturers. Home-built trailers accounted for the balance. Three persons to each modern nomad number 850,000.

Record— A record of 13 per cent in the number of injuries and of 4 per cent in the severity of injuries in the American petroleum industry. The lowest on record. The number of reports from 144 companies and covering 316,987 employees made the 1938 fatality rate per 100,000 workers, compared with 36.9 in 1937. Injury rate was reported as 1.89 days lost each 1,000 hours of work. The rate of 1.67 days lost in 1937. Injury rate of 12.64 injuries per 100 hours worked as against 1937.

Record Covers— Nearly all records of workers and members of the crews, about 70 per cent of the workers in the pipeline departments, 60 per cent of the production and natural gas departments, and a large number of tank truck drivers and plant operators.

Freight Lines— Freight lines are operating motor trucks out of San Francisco, one operating fast freight trucks Reno, 235 miles; to Medford, 400 miles, and to Klamath Falls, 396 miles.

Set Consists— of 14 diesel six-wheel, dual-drive jobs of capacity of seven tons. Sixty-five-horsepower diesels in the 10-ton trucks, which are used in every respect except they are fitted forward with a removable to permit conversion into semi-trailer units for snow conditions and load requirements demand.

System Saves Fuel— Diesel motor tankers equipped with the first American invention of electro-magnetic slip drive with diesel engines. Operation showed reduced fuel consumption on their first trips. One burned 27 barrels of fuel against the usual 96 barrels. Other consumed 105 barrels compared to 309 previously required for steam operation.

Novel Method— of propelling engine instantaneously uncoupled from the crankshaft or propeller. Operation at low propeller speeds with reduction of power facilitates starting. The two propulsion units for each ship are 2-cycle, 150-horsepower, rated 730-revolutions per each at 400 revolutions per minute.

Synthetic Rubber— Resources of synthetic rubber have been found in mineral by-products of the steam cracking process—and the synthetic rubber is similar to the natural rubber in properties, and can be used.

Oil First— is mixed and baked with sulphur. Resin is added to the mixture is additionally treated with hydrochloric acid. Affected acid treatment comes near the rubber mass.

Another New Substance— rubber character, has been created all sulphur and chloro-benzene at a temperature of 240-260 degrees. It is the product of years of research in the vapor treatment of organic compounds with molten elements, particularly sulphur and selenium.

Property of the New Substance— is that the rubber-like substance is lost when the substance is dissolved and is regained again with precipitation with acid. This means that cloth and similar substances may be impregnated with it.

Fields of Texas, California— Oklahoma alone have produced more oil to date than have the fields in Russia.

Discovered in Bahia— maximum airplane power is produced when the fuel is injected into the cylinders, aerodynamic experiments show.

Safety Records— broken safety records for employees of an oil producing company add up to 84 years.

Annual Application of Petro-

In The WEEK'S NEWS

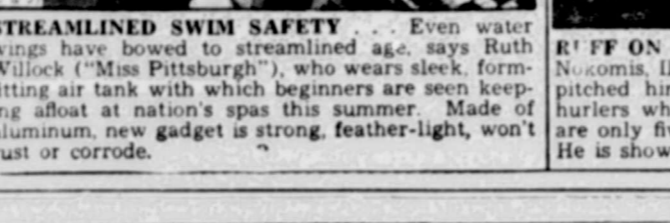


AXIS ANGLES AWRY... Three variations of the Nazi-Fascist salute are on view here as left to right, German Foreign Minister Joachim Von Ribbentrop, Premier Mussolini and Chancellor Hitler "heil" the 10-year Rome-Berlin military alliance from a balcony of the new reich chancellery. Count Galeazzo Ciano is next to Von Ribbentrop, and Field Marshal Hermann Goering is at extreme right.

NO. 1 MIDDLE... Rated No. 1 in order of merit among 1939 graduating class of midshipmen at Annapolis is Louis Harry Roddis, Jr., of Minneapolis, whose father is a commander in the U S Navy. He was tops in studies, made the plebe and varsity crews. He was a member of the juice (electrical) and movie gangs, Lucky Bag photo staff, and Boat Club.



STREAMLINED SWIM SAFETY... Even water wings have bowed to streamlined age, says Ruth Wilcock ("Miss Pittsburgh"), who wears sleek, form-fitting air tank with which beginners are seen keeping afloat at nation's spas this summer. Made of aluminum, new gadget is strong, feather-light, won't rust or corrode.



RUFF ON RIVALS... Charley (Red) Ruffing, the Nokomis, Ill., boy who made good with the Yankees, pitched himself into a select circle of big league hurlers who have chalked up 200 victories. There are only five such heavy winners still in the game. He is shown here with his wife.



Save Feed at Its Best

By T. C. RICHARDSON, Secretary Breeder-Feeder Association

This is the season when the weather tells the story—will there be a crop or not? As everyone knows there is a critical period in which corn either "makes" or it doesn't. We have been in the habit of taking a crop of nubbins with the best grace possible, but few tasks are more thankless than gathering a nubbins crop.

Fortunately it is easy to escape that discouraging job—driving over an acre to fill the wagon box with corn that is mostly cob and shuck. Besides, when corn matures in the field the nubbins is about all we get, while the stalks contain as much digestible nutrients for livestock as a crop of half-filled, short ears of dry corn. When drought threatens to cut the corn crop short, when the lower leaves begin to "burn," when it is plain that the grain harvest will be light—then it is time to save the stalk and all while it is still green enough to make good ensilage. The trench silo is the answer. It can be dug in a hurry, and cheaply, and the ensiled corn will retain all the nutritive value it had when cut. Instead of permitting the corn to stand in the field and completely dry up, why not save stalk, foliage, grain and all in one operation?

The trench silo is not only emergency crop insurance, however; it is life insurance for the livestock. It is "production credit" to keep up the milk flow, fatten the lean kine, or merely hold normal health and vigor in the growing animals through the months of drought and cold. As such it is becoming as common on Southwestern farms as barns and corncribs. It is the cheapest storage known, and retains more of the digestible nutrients in the feed than any other form or method of curing and storing.

Now that the peak of crop cultivation is passing, there will be time in the next few weeks to get the trench silos ready.

The best ensilage is made by cutting the corn or sorghum after the grain hardens but before much of the foliage dries up—while the stalks themselves are still green and succulent, but not before the grain is well matured.

This is one of the things we

STRIPES FOR SPORTS... Cool French blue and white stripes feature this summer spectator sports outfit worn by Margaret Lindsay of the movies. The skirt is sharkskin, blouse and bolero jacket of cotton, and a wide sash of the same French blue ties at the natural waistline. The pumps are navy blue and white.

HITS "INVISIBLE" TAXES... Consumers' burden of "indirect and invisible" levies should be considered in plans for tax revision, says Saul Cohn, president of National Retail Dry Goods Association, who demands elimination of overlapping duties included in retail prices of food, clothing and other necessities.



Meditations
Of Your Country Cousin

A lot of folks spend so much time aching about what the other feller's got that they ain't got that they ain't got time to more'n half use the things they have got!

Some of us can't tell what profession a feller is in by the way he drives 'round a corner—but we sure can tell what he ought to be in!

It's okay to make hay while the sun shines, but there's a lot o' things that you'd better be makin' while it's rainin'.

Seems like them that's forever tellin' how awful our kids are compared to them in th' "good old days" must'a sure growed up way out in the sticks—er else they've got a mighty poor memory er a nasty disposition!

Can't for th' life of me see why th' women complain so about the dusty winds. Why, even their own husbands can't tell if the house was cleaned today er if it ain't been touched since the week before last!

Some folks stop to count ten so as they have time to figure out just what kind of a punch'll do the most damage.

It's right smart of a comfort to know that Angeline ain't as perfect as her ma is always tellin' she is—an' Johnnie ain't half as ornery as his ma says he is, either!

Mr. and Mrs. Lloyd Harshey and Mr. and Mrs. Jim Michele attended the dance in Artesia Friday night.

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OH!
THAT SUNBURN!
Gypsy Cream
SOOTHES—
COOLS—
PROTECTS

Only 50c, large bottle

We Are Headquarters For All Picnic Supplies
Thermos—Paper Plates, Spoons, etc.

HAGERMAN DRUG
THE REXALL STORE

This Week At the THEATRE

FRI.—SAT. 10c—21c
WARNER BAXTER
LORETTA YOUNG
BINNIE BARNES
"WIFE, HUSBAND AND FRIEND"

OWL SHOW SAT. NITE
SUN.—MON.—TUES.
PAUL MUNI
BETTE DAVIS
"JUAREZ"

COMING—
"KID FROM KOKOMO"
PAT O'BRIEN
WAYNE MORRIS

FRI.—SAT. 5c—10c—16c
WILLIAM BOYD
"Hopalong Cassidy"
"RENEGADE TRAIL"

SUN.—MON.—TUES.
GENE AUTRY
SMILEY BURNETTE
"MOUNTAIN RHYTHM"

COMING—
"SAN FRANCISCO"

YUCCA | PECOS
THEATRES
Roswell

Indian Slaves Were Not Uncommon In the Southwest Many Years Ago

When we think of slaves, we think of the Negroes of the South, but there were Indian slaves all through the Southwest, says The Las Vegas Daily Optic, and declares that Las Vegas had its share.

Hilario Romero, former sheriff of San Miguel County, had three Indian slaves, Refugia, Maria and Felipa, who served the family for almost sixty years. The Optic continues. Refugia and Maria were bought in Texas for \$100 each. She did house work and the other two worked outdoors.

After many years, Maria and Refugia were sent home where they died several years later. Felipa lived to be a very old woman. When she became old, she lost her mind and had to be taken to the New Mexico State hospital, where she died not many years ago.

Mr. and Mrs. Cecil Fletcher (Viola Askins) announce the arrival of an 8½-pound girl, born July 1. Both mother and baby are doing nicely.

Two Guesses

Here's a little test for you



1. The Bell System handles about 48,000 telephone calls per minute on the average.
RIGHT WRONG



2. One of the first uses of vacuum tubes was in telephony—years before commercial radio telephony.
RIGHT WRONG

The answers are shown below, but make your guesses before you take a peek. And here is an answer to the problem of quick, low cost communication when you want to reach someone in another town. Telephone—and get your answer now.

The operator will be glad to tell you any out-of-town rates.

ANSWERS

1. Right. In 1938 the average number of calls per day was about 70 million.

2. Right. The repeater tube, which makes possible long distance telephony, was first used in 1913.

The Mountain States Telephone & Telegraph Co.

