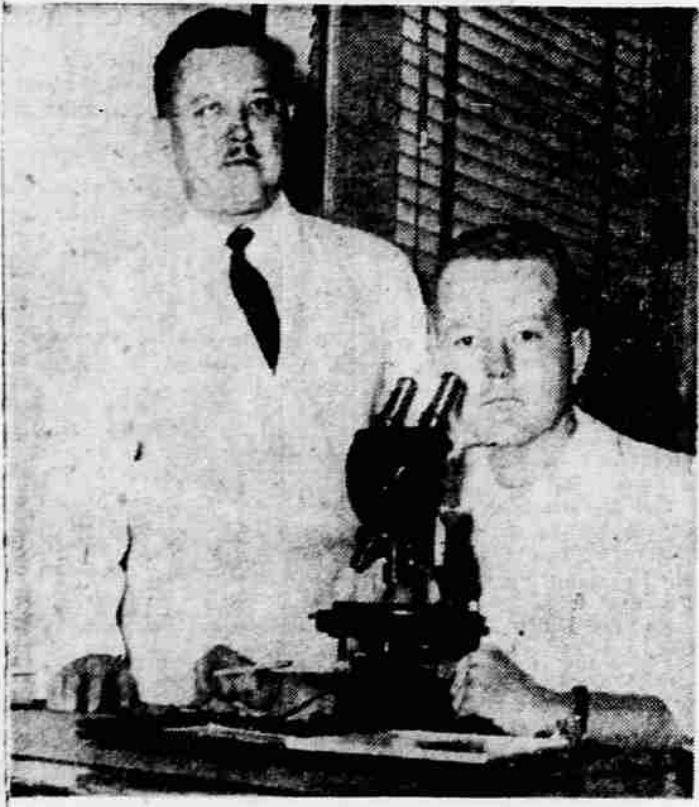




DEVELOPED RADIATION DRUG—Thanks to the work of Dr. Richard R. Overman (left), physiologist at the University of Tennessee in Memphis, a drug for nuclear radiation is now undergoing tests on human beings. The drug, known as A-E-T, was developed at Oak Ridge National Laboratories. It was tested on monkeys in Memphis and found to be 100 per cent effective against radiation death when certain doses were given. Shown with Dr. Overman is his assistant, B. G. Crouch.

Is That So?

By EUGENE BURNS
Ranger-Naturalist

To stem the advance of the army of Alexander the Great, about 320 B.C., Indians used elephants much as we do tanks today—mounting several archers in each howdah to support the infantry with added firepower. To protect the great beasts, they were often elaborately bedecked with iron plates fastened together with rings and chains.

In the Battle of Heraclea, 280 B.C., King Pyrrhus used elephants in a new way—as heavy cavalry, sending them in massed charges to trample down the op-



posing Roman infantry. The effects was terrifying on the Romans. However, the end result was ruinous to Pyrrhus—he lost so many men that his victory was hollow—hence the phrase "pyrrhic victory."

Much better publicized was the use of elephants by the Carthaginian general, Hannibal, when he used elephants to help win one of the great decisive battles of history during the Punic wars, 218 B.C. To gain it, he marched a herd of elephants—African at that, which are more difficult to train than Indian elephants—across the Alps to invade Italy not by sea as was expected by the Romans but through Spain and southern France.

As the Carthaginians advanced, true enough the sight of the elephants struck terror into the hearts of their opponents—but actually, Hannibal didn't have much luck with his five-ton beasts. Upon landing in Spain, he had 50; by the time he got to the river Rhone, he had 37; after crossing the southern Alps in midwinter these were reduced to eight; and of these only one survived the campaign.

Elephants in World War II
As for the late World War II, 6,400 elephants participated in the China-India-Burma theater. When the Japanese overran Burma they captured 6,000 prized Indian elephants and immediately pressed the huge beasts into war service in the dense jungles and difficult mountain terrain where modern machines could not go.

Fortunately for the Allies, the overbearing conquerors knew little about handling these huge beasts with "gentle reasonableness." Japanese officers curiously demanded that the seemingly stubborn native drivers, mahouts, work the captured elephants the day long, beginning at dawn; they expected work the week through, Sundays included, and the year around, particularly during the good sunny months.

Now elephants can't be handled this way. For an example, when an elephant is awakened suddenly and put to heavy work, he is out of sorts and ugly. He likes to stand there and dawdle while he thinks about getting under way. The native driver, knowing this, will spend up to a half hour even talking to the great gray mountain of a beast until such a time as it wondescends to rouse itself from its early morning semitorpor.

Time Needed To Eat
Also, because of its tremendous bulk, it requires plenty of time to fill its stomach with a quarter ton of greens each day

—grass canes, fruit, tubers, bark and tender twigs and branches with 50 gallons or so of water to swill it down. Such an appetite means that the animals' hours must be limited, say to six a day. Or if it works overtime, say up to eight hours daily, that for every three full days work it knock off two days to feed itself back into condition.

And despite its inch-thick hide it is extremely "sensitive-skinned"—that is why it keeps forever blowing dust on its back and sides to shoo away flies and mosquitoes. In chilly weather, it must be kept warm—even a slight frost will give it a bad case of cramps; and during hot summer months, it must loll in the shade or it may suffer heatstroke.

Because the Japanese refused to observe these basic rules, the native drivers went "over the hill" with 1,653 to join allied forces. And of the elephants used—about 30 per cent of the world's supply of Indian elephants—about 2,000 died, largely through misuse.

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Free: By special arrangement with the editors of the Encyclopedia Americana, my panel of judges will award each week to the reader who sends me the best true-life nature adventure, the best nature observation, or the best question on nature and wildlife, a complete 30-volume set of this world-famous reference work in a handsome Sealcraft binding. Each week new submissions will be considered. Sorry, I simply can't answer your many friendly letters. Please address your letter to: Is That So? c/o Medford Mail Tribune, Box 575, Sausalito, Calif.

National Aviation Day is observed on Aug. 19 in honor of Orville Wright. It was his birth date.

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Juvenile Smoking Ban To Be Enforced

Hillsboro — Washington county District Attorney Francis W. Linklater said Monday he would enforce the state law prohibiting minors from smoking or buying cigarettes.

Linklater called on all law enforcement officers in the county to begin making arrests in accordance with the seldom-enforced law. He asked for a report by May 31 on progress of the anti-smoking drive.

The district attorney explained that "the incidence of juvenile smoking in public places in violation of Oregon statutes has increased to an alarming proportion."

He added, "The Oregon statutes allow no discretion in enforcement of the juvenile smoking laws and provide that it is a crime for any proprietor to allow any minor to smoke on his premises."

Plane Disintegration Probe To Continue

Portland — The Civil Aeronautics Administration today continued an investigation into the cause of the crash of a small plane in southeast Portland Sunday in which Willis Allen Wood, 21, Oregon State college student from Salem, was killed.

John Gebelin, supervisor of the local CAA office, said he had formed no opinion of the cause as yet. He asked residents over a 30 to 40 block area who found pieces of wreckage to return them.

Some witnesses said the plane may have gone out of control in low-hanging clouds or extreme turbulence before its disintegration.

INSECT REPELLENT PAPER

Philadelphia — A paper prepared by three British scientists, consisting of 33 pages of typewritten copy plus 11 pages of graphs and charts was read to scientists Monday at the mid-year meeting of the American Petroleum Institute. It was all about beetles and flies and how to kill them.



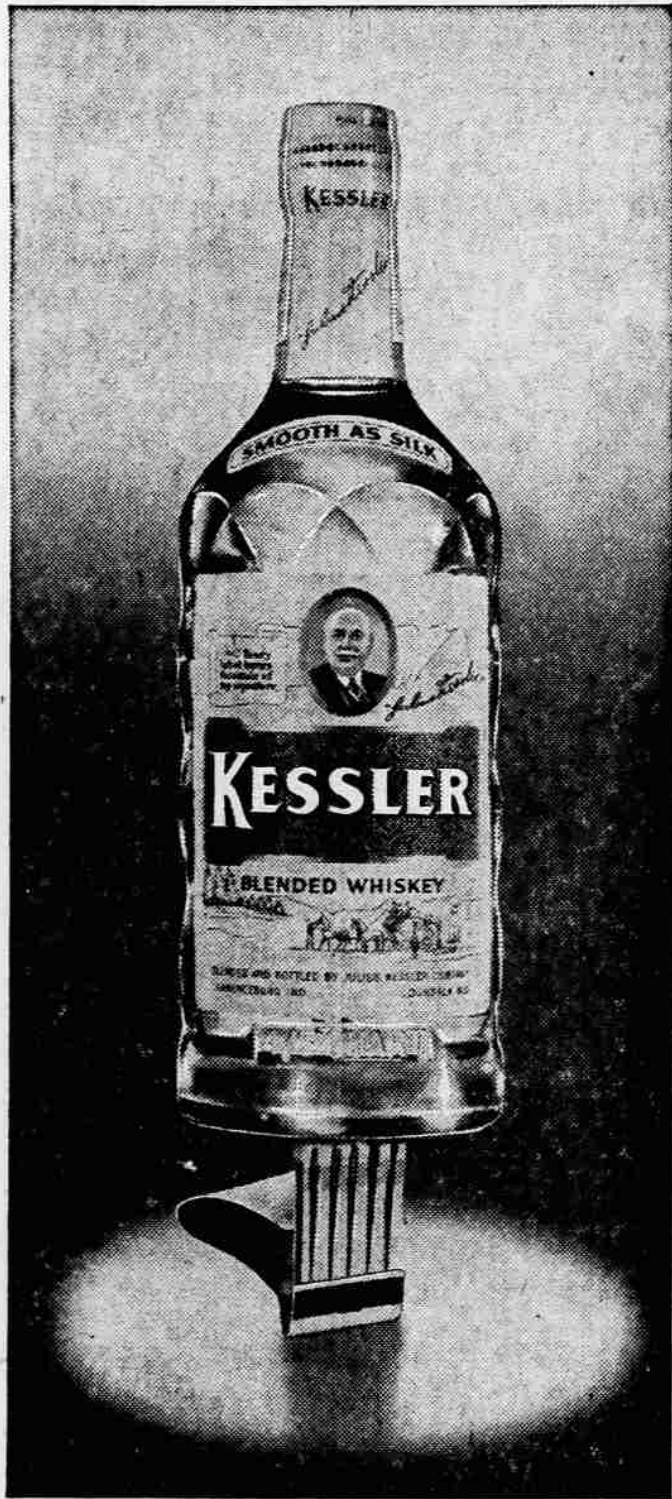
TESTIFYING before Senate probers, Stewart Krieger, Seattle Teamsters union official, says union paid his salary and expenses while he worked for beverage firm owned by Dave Beck's family. (International)

Body of Girl, 9, Located in Thicket

Wolcott, Conn. — The body of a pretty blonde nine-year-old girl was found in a thicket alongside a country road Monday night, her sweater knotted around her neck and 17 stab wounds in her chest.

Police said Brenda Jean Doucette apparently had been abducted while walking to school in nearby Bristol Monday morning. Her body was found about three miles from the Fall Mountain school where she was in the third grade.

An autopsy showed she had not been raped, according to police.



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Quotes From the News

By UNITED PRESS

Gettysburg, Pa.—President Eisenhower, on the state of his golf game:
"Since I've been sick, I have never had a really good golf game."

New York—Former model Judith Morgan, 50, on stabbing a salesman she mistook for a federal judge against whom she had a grudge:
"I'm sorry I hit the wrong man."

New York—Field Marshal Lord Alanbrooke, Britain's World War II military chief, on President Eisenhower's ability as supreme commander:
"Where he shone was in his ability to handle Allied forces, to treat them all with strict impartiality and to get the best out of an inter-allied force."

Birmingham, Ala.—Dublin's Lord Mayor Robert Briscoe, on the celebration marking the establishment of the state of Israel:
"The Zionist day celebration is the Jewish equivalent of St. Patrick's day."

Washington—The Atomic Energy commission on the precautions being taken to protect the public against radiation during this summer's nuclear tests:
"As a result of improved controls and procedures, radioactive fallout in the area around the test site is expected to be even lower than the levels which resulted from previous tests in Nevada."

Boy Dies in Swollen Creek Near Joseph

Joseph — U.P. — Robert David Quinn, 3, drowned in a small branch of the swollen McCully creek near his home here about 12:30 p.m. Sunday.
The boy had been playing in the yard with children of visitors and apparently climbed through a hole in the fence of the yard and went to the creek when his parents were not looking.

A dairy cow will drink as much as 35 gallons of water daily, and old hens need about one-third more feed than a pullet to produce a dozen eggs.

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How Standard put \$4,282,372 to work every day last year

...and what this meant to people in the Western Hemisphere



Port of Spain, Trinidad Exploration for possible new sources of oil covered millions of acres in the U.S., Central and South America, Canada, Alaska and the Bahama Islands. Seeking oil for your future use is one of our biggest expenditures... \$324,789 on an average day. Again last year we found more new oil than our wells pumped from the ground.



Gulf of Mexico We completed better than two new wells a day... 101 of them off the Texas and Louisiana coasts where drilling costs up to six times as much as on land. An average day's bill for drilling came to \$431,516. This huge expenditure was necessary because a well may cost from \$125,000 to over \$1,000,000 and one out of every six wells drilled was dry.



Perth Amboy, New Jersey Standard and its operating companies from New Jersey to California, from Alaska to Venezuela hired 2,485 new employees last year. Our working family grew to a new high of 38,854. The wages and salaries they earned added to the economic health of communities in 46 of the 48 states and in many other nations of the Western Hemisphere.



U. S. A. Our Federal, State and other taxes amounted to \$325,424 a day... enough to buy a helicopter for rescue work, or pay for complete training of three jet pilots every day. In addition to paying these direct taxes, in 1956 Standard collected for and passed on to Municipal, Provincial, State and Federal agencies \$193,460,383 as sales and gasoline taxes.



Vancouver, British Columbia On an average day we spent \$517,446 to keep equipment in repair and up to date... extending a wharf at Vancouver, adding to a refinery in El Paso, Texas or a pipe line to Boise, Idaho. This work provided employment for thousands of construction and maintenance workers as well as for the employees of firms supplying equipment.



El Paso, Texas Purchases of crude oil took \$949,853 a day in areas such as El Paso, Texas and Bakersfield, California. Even though our own Western Hemisphere production was at a new high, we bought oil from many small and medium sized producers. To these people and their employees Standard was a good customer and an important source of income.



Salt Lake City, Utah Our 738 employees in Utah were among the total of 38,854 Standard Oilers who participated in benefit plans at the rate of \$119,082 a day. One was our Stock Purchase Plan to which Standard added nearly twice the amount an employee deposited. Some other plans included sickness benefits, retirement pay and Company-paid life insurance.



Bajo Grande, Venezuela Increasing refinery output and improving the quality of our products are never-ending jobs. Last year one of our operating companies completed a new asphalt refinery in Venezuela and plans were announced for a future refinery near Everett, Washington. New equipment for our manufacturing plants called for investing \$107,741 a day.



Portland, Oregon Although 43.5% of Standard's owners live in the West, Alaska and Hawaii, you'll find them almost everywhere. Stockholders include colleges, churches and banks, but most of them are individuals. Of every dollar we took in, 6-6/10 cents or \$285,028 a day was distributed among Standard's 137,381 stockholders who own the Company.

WHAT HAPPENED TO THE \$1,567,348,030 STANDARD TOOK IN LAST YEAR can best be told in terms of people... many people in many lands. For example, Standard was a customer of more than 10,000 Western firms last year. One major item such as a refinery unit required the services of people in scores of other industries.

Moreover, many of the 1250 products we made from petroleum were raw materials for other manufacturers... from paints to cosmetics, from detergents to synthetic fabrics. Thus you'd never be able to count the people who benefited directly or indirectly from the \$4,282,372 Standard put to work every day last year.

Through affiliated companies operating in the Eastern Hemisphere, Standard helped carry on expansion and development programs that provided better living for people in Europe, Africa, the Middle East and the Far East. For complete, interesting details write for a copy of our Annual Report Standard Oil Company of California, Room 2153, 225 Bush Street, San Francisco 20, California.

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