

Shell Studies Jet Propulsion Fuels

A laboratory for the study of fuels and lubricants for jet-propulsion aircraft has been built and put into operation at Wood River, Ill., officials of the Shell Oil Company, Incorporated, announced today. The laboratory, a complete, full-scale installation, was designed to study the action that fuels undergo in jet-propulsion.

A jet burner, whose size and construction remain a military secret, has been installed, fuel is furnished by ten 5,000 gallon tanks, and compressed air, necessary for jet-propulsion, is supplied by a 1,000 horsepower compressor, so large that it would require a six-room, 2-story family dwelling with ceilings and walls knocked out, to house it.

Something new in combustion, the jet burner produces, in a much smaller amount of space, about 250 times the heat of a residential oil burner, creates a stream of hot gas of greater than hurricane velocity.

Combustion of such a radically new character requires new basic research, and completely new studies of burning characteristics of possible fuels have been undertaken.

By means of elaborate electrical recording devices in a heavily sound-proofed control room, the new laboratory is compiling performance records on fuels suitable for use in jet-propulsion and combustion turbine engines.

In addition to surveying fuel requirements, and determining characteristics and qualities of fuels most efficient for jet-propulsion, the laboratory is also at work developing new experimental apparatus for further use in this type of research.

Delight Valley

Mrs. Charlie Conner has been soliciting Red Cross contributions in Delight Valley.

The Charlie Conner home now has electricity-being connected up with the R. E. A.

The Max Sears family visited in Roseburg Sunday with the Paul Morgan family.

Gail Lindamood, sister of Mrs. Max Sears, who has been employed in Watsonville, California, arrived Wednesday at the Sears home.

Mrs. Laura Doolittle and son Dennis, home on furlough from Camp Roberts, California; Mrs. Smith and son Junior, all of Eugene, visited Tuesday at the Elwyn Bales home.

Monday callers at the Bales home were Mrs. Daisy Chapman and son Denker of Santa Clara and daughter Daisy Anne of Monmouth.

Lik Stains

Any fresh ink stain, unless the ink is of the "permanent" variety, will respond to the "water bowl" treatment. Never, never use milk as an ink remover! Milk kills the luster on fabrics and runs the colors. If water does not remove all traces of ink from white or fast-colored cottons or linens, use a bleach, as directed. For silks and woolsens, apply a few drops of peroxide to stain while cloth is stretched over bowl. Repeat treatment in stubborn cases. Rinse with luke-warm water.

Tighter Belt to Be In Vogue Soon

A new and tighter squeeze on food, shoes, tires and manpower may become even more disconcerting to the home front as the allies close in on Berlin and Tokyo.

Government officials frankly predicted this Monday at Washington, saying there will be little if any relief as long as the two-front war continues.

Over the week end OPA slashed April passenger tire quotas 37 per cent below this month's level.

In another reflection of the war's quickening pace, selective service aid that to retain more young and irreplaceable men in industry it will be necessary to draft more men over 29.

These moves followed closely announcement last week of a deep cut in the amount of leather available for civilian shoes because of increased military demands.

"There is no doubt about it, the people at home are facing the tightest all-around supply situation of the war, and it is going to get worse before it gets better," a highly-placed official said, asking that his name not be used.

Mosby Creek

The Mosby Creek Extension club met all day Thursday March 8th at the home of Mrs. Rheoby Young at Walden. Mrs. Violet Ducrest and Mrs. Faye Taylor put on the demonstration which was a book review. A planned lunch was served at noon.

Mrs. Rose Belieu of Myrtle Point has been visiting her sister, Mrs. Young and Mrs. Peterson of Walden.

Mrs. Harry Castle has returned from a week's visit in Bay Center, Washington with her mother, Mrs. C. G. Rozene and also her sister, Mrs. May Horn. As she returned home she stopped at Gresham and visited at the S. H. Ramsey home and at Beaverton at the Sidney Davis home.

Mrs. Dora Lee Fox and two sons have gone to San Francisco to spend a month with her husband, Walter Fox, who is in the navy and will be in port that long.

Mr. and Mrs. Roy Lewis of Scottsburg were visitors Wednesday evening at the Lee Dugans.

Mr. and Mrs. Clair Brock of Roseburg are visiting at the Dave Munsell home at Walden.

Mr. and Mrs. Grant Duley and three sons of Row River were week end guests at the Harry Castle home. Mr. and Mrs. Roy Kennedy of Cottage Grove and Mrs. Berta McGuire and two sons of Walden were Sunday guests.

Mrs. Don Higgins of McCloud, California, has been visiting her parents, Mr. and Mrs. Butte Mooney of Blue Mountain.

Robert Carpenter of Overton, Nebraska, visited a few days last week with his sister and family. Mr. and Mrs. Ben Anderson of Blue Mt.

H. Wooden went to Idaho for a two weeks visit.

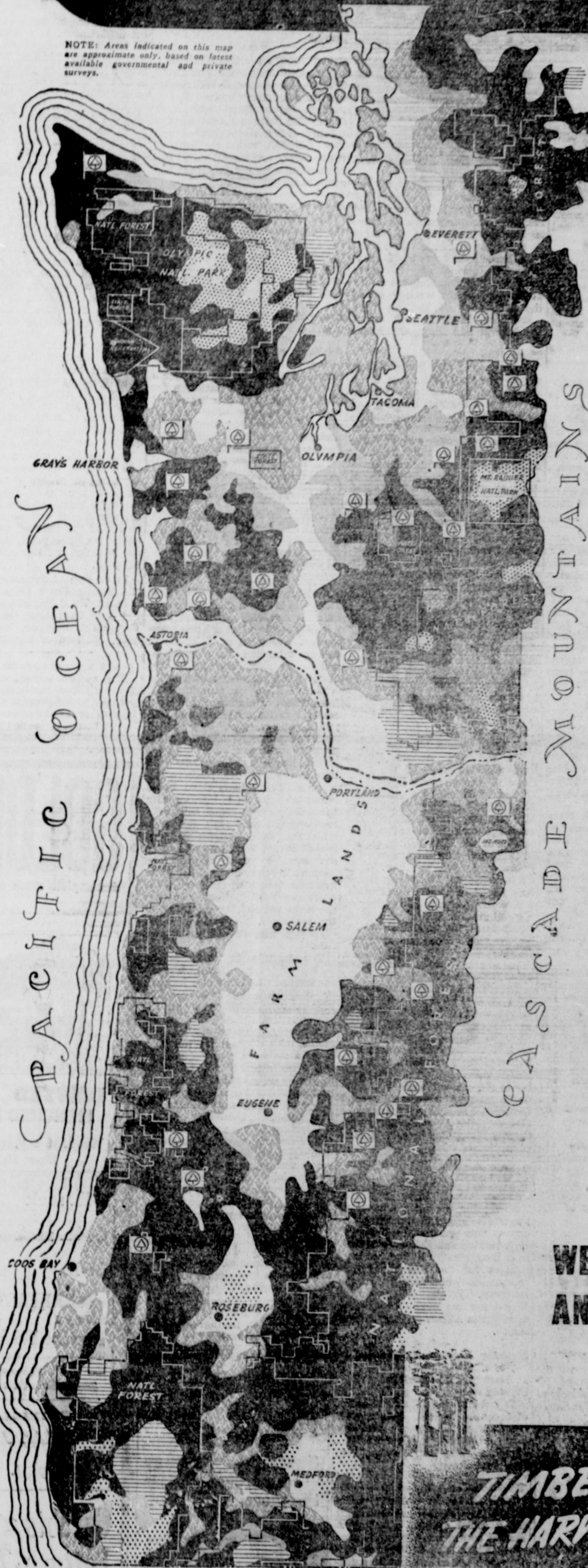
Mr. and Mrs. Cecil Wernstaff have gone to Monmouth on a temporary visit as he expects to be drafted in the army soon.

Nutty Flavor

Uncooked oatmeal, if toasted to a delicate brown and used in cookie making, will impart a delicious nutty flavor.

THE PACIFIC NORTHWEST IS GROWING TREES!

NOTE: Areas indicated on this map are approximate only, based on latest available governmental and private surveys.



LEGEND



THIS MAP shows that over 73 per cent of the land in the Douglas fir region is growing trees. The timber crop will follow the virgin forest as a source of industry and pay-rolls.

The map shows we have:

- 1 25,800,000 acres of forested and forest-growing land, out of a total of 35,100,000 acres.
- 2 14,500,000 acres of saw timber, with an overall stand of 490 billion feet. Two-thirds of this acreage is natural old-growth; the other third is second-growth now over 16 inches in diameter.
- 3 7,300,000 acres of growing forest. Two-thirds of this area has trees from 6 to 16 inches in diameter; the other third has smaller saplings and seedlings.
- 4 1,500,000 acres recently cut-over, 150,000 to 200,000 acres are logged every year and three-fourths of these harvested areas reseeded naturally and promptly.
- 5 2,200,000 acres of Burns and Other lands not yet restocked. Beside the State and Federal Nurseries, an industry nursery is producing five or six million seedlings every year for replanting this land.
- 6 Over 2,000,000 acres of Tree Farms. Fifty-one owners, farmers and timber companies, are up in the permanent business of growing trees.

77 per cent of this great forest resource, in acres, is owned by the county, State and Federal governments; 53 per cent by farmers and industrialists.

The cooperation of these public and private owners in forest management and protection is one of our real assets as a timber growing region. So is the support of its people in controlling forest fires—through such activities as Keep Oregon Green and Keep Washington Green. As more forest growth is assured, new forest industries come in for further processing or use of waste; and bring new pay-rolls with them.

Here is one of the great post-war opportunities for the Pacific Northwest.

WEST COAST LOGGERS AND LUMBER MILLS OF OREGON

TIMBER IS A CROP THE HARVEST IS HOMES.

Bohemia Lumber Sales Co.

J. H. Chambers & Son

Cottage Grove Lumber Co.

Row River Lumber Co.

Scott Lumber Co.

Don't Drive a Booby Trap



Watch Out!

Here at home... right in your own car... are potentially dangerous Booby Traps, too. For instance, think what might happen to you and your family if a neglected part in the vital front wheel suspension should fail at a critical moment! That's why your entire car should have Shell lubrication protection at regular intervals.



CHANGE TO GOLDEN SHELL MOTOR OIL!

Dirty sludgy oil is a danger sign. Change to safe, clean Golden Shell motor oil.

SHELL OIL COMPANY, Incorporated

Care for your Car for your Country

Make a date for SHELLUBRICATION Today!