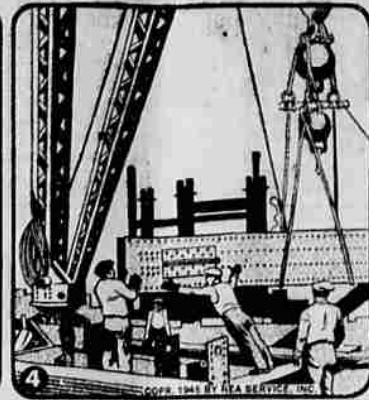


No. 11: Busy Scientists—and Spies



(1) The discovery of plutonium was of great importance. Like U-235 it could be made to explode by atomic fission. Furthermore, unlike U-235, it could be separated from the other forms of uranium, U-234 and U-238 with comparative ease. The discovery of plutonium was a lucky find in the days when every minute counted. To make plutonium, the scientists imbedded small pieces of uranium in graphite to slow down neutrons that were used to attack it.

(2) Along with the scientists, spies had been busy at work. It was heard that a huge nitrate plant at Rjukan, Norway, was being used by the Nazis to make heavy water, perhaps for the production of the atomic bomb. In February, 1943, a group of allied parachute troops and Norwegian underground blasted the plant in a bold raid. The plant was rebuilt and was bombed out of existence again by Super-fortresses.

(3) The scientific research on atomic energy in the United States had been under the direction of Dr. Vannevar Bush, head of the office of Scientific Research and Development. In June, 1942, when the work reached the manufacturing stage, the War Department turned complete control over to Major General Leslie R. Groves. Cost of the project amounted to \$2,000,000,000 up to July 1, 1945.

(4) The federal government started erection of two plants to manufacture atomic borax in December, 1942. One was located on 58,000 acres of land, 18 miles west of Knoxville, Tenn., and the city of Oak Ridge, was built and operated by the government, to accommodate the workers at the plant. They lived in modern dwellings and were provided with ample recreational facilities. The other plant was on a government reservation of 430,000 acres, in an isolated area, 15 miles northwest of Pasco, Wash., where 17,000 workers and their families were brought in. Strictest secrecy was maintained.

Monday: Experiments in the desert.

City News In Brief

SCHOOL LUNCH—Miss Dorothy Rapp, Portland, was in La Grande yesterday conferring with school officials regarding the school lunch problem.

FIRE ALARM—Cigarette lighter smoking in the dashboard of an automobile at Washington avenue and Depot street called out city firemen yesterday afternoon. By the time firemen arrived, however, the lighter had been disconnected, and no damage resulted.

CLOSE SCHOOLS—There will be no sessions of the elementary schools of La Grande next Monday because all the teachers will be attending a health workshop at the high school. Supt. Fred Patton announced today. Schools will operate next Tuesday as usual, however, since the second day of the workshop is for high school physical education instructors only, he said.

ONE FINED—Harold Wayne Halliday, Meacham, was fined \$10 in Justice court on a charge of having an over-height load.

LEAVE SERVICE—Union county men recently discharged from the service include: Donald R. Stahl, army; Alistair F. Issett, navy; Donald R. Gentry, army; Edgar E. Johnson, army; George O. Nofsinger, army; Leo D. O'Neil, army; Orrin M. Carter, army.

GRASS FIRE—Grass fire at First street and O avenue called out city firemen yesterday afternoon. There was no damage.

ONE ARRESTED—John Elbert Drake, Union, was arrested by city police yesterday on charge of speeding 40 miles on 25 mile street. He was released on \$15 bond for appearance in city court today, police records show.

BUSINESS TRIP—A. H. Labbe plans to leave Monday for California on a combined business and pleasure trip. Accompanying him will be his brother-in-law and family, Mr. and Mrs. George L. Carnes. They will drive over the redwood highway, visiting San Diego and Los Angeles. Mrs. Carnes will visit her sister in San Diego. They plan to return in three weeks.

Denver Driver Glad Truck Stopped Before Hit Something Solid

DENVER, Sept. 19 (UP) — Few truck drivers who have had their machines get out of control and careen through city streets before coming to a stop could feel as lucky as James R. Lira, 24, of Denver felt today.

During peak evening traffic yesterday, Lira's truck collided with an auto and was so damaged it continued down the street without brakes or power. After six blocks of dodging traffic at breakneck speed, Lira managed to turn onto a slight upgrade and bring the vehicle to a stop. Police found the driver pale and shaking.

"Phew," he said. "I've got 2,000 pounds of dynamite in the back."

Calendar of Coming Events

Wednesday, Sept. 19 — La Grande lodge 41, AF&AM, 7:30 p. m.

Thursday, Sept. 20—Hope chapter OES Rehearsals, 7:30 p. m.

Stake Primary Board To Meet

UNION, Sept. 19 (Special) — Members of the stake board primary organization of the L.D.S. church will meet at the home of Mrs. Wilford Westenskow in Imbler Sunday to complete plans for the conference dinner to be held in La Grande, Sept. 30. This is a dinner given in honor of the young men and women between the ages of 12 and 20.

Attending from Union will be Mrs. Grant Wilde, Mrs. Royal Wilde, Mrs. Bill Baxter, Mrs. Ervin Westenskow, Miss Esther Edvalson and Miss Nadine Tucker. These will be joined by members of the La Grande stake board. Members of the stake board primary organization have supervision of the primaries in the seven wards consisting of two in La Grande and one each in Union, Imbler, Baker, Pendleton and Walla Walla.

OUR MEN IN SERVICE

Com. James J. D. Haun has arrived at San Diego and will arrive soon in La Grande where he was a practicing physician and surgeon before entering the navy, to be with his wife and children. Commander Haun has been in the south Pacific more than 15 months.

Maj and Mrs. Knox Parker visited here briefly with his parents, Mr. and Mrs. A. K. Parker, before going to Fort Lewis where Major Parker was to be given an honorable discharge from the army. They left their young son here with his grandparents, and plan to return here for a two weeks' visit. Major Parker's plans are, as yet, undecided.

Blue Mountain Grange Plans for Booster Night

GRANGE HALL, Sept. 19 (Special) — Members of Blue Mountain grange made plans for the booster night program at the hall Sept. 29.

State grange officers were nominated, with nominations including: Morton Tompkins, Portland, master; Elmer McClure, Milwaukie, overseer; Garnet Ruckman, Imbler, lecturer; Bertie Beck, Portland, secretary; Clarence Carter, La Grande, Roy Gill, Portland, Henry Gustafson, North Bend, executive committee.

The grange voted to invite the state grange officers' conference which is to convene in the county, Oct. 26, to meet with them at the local hall. The announcement was made the county Pomona grange will meet next Saturday with the Wolf Creek grange, near North Powder.

Miracle of Love in 'Enchanted Cottage'

How love works a miracle in the lives of two lonely recluses forms the sympathetic theme of "The Enchanted Cottage," with Dorothy McGuire, Robert Young and Herbert Marshall, opening today at the Liberty theater.

Miss McGuire portrays a girl in a small New England village whose exceptional plainness has made her something of an outcast, while Young is cast as an army flyer who, crippled and disfigured in a bomber crash, has settled in the village to get away from his family's mistaken sympathy.

The two are thrown together, fall in love because of the mutual affliction; and, counseled by a blind pianist who understands their problems, are married. And it is then that the miracle begins, for the two find that, in each other's eyes, they are attractive.

"Isle of Tabu," latest Paramount technicolor musical featurette, now at the Liberty theater, is replete with music, dancing, beauty and romance. Against a background of island music and exotic dances is told the story of a beautiful native girl who is considered tabu and shunned by the superstitious natives. The film stars Nancy Porter with a large cast including Stephen Barclay, Anthony Caruso, Pedro De Cordoba, Napua, specialty dancer, Sam Koki and His Islanders and

Planes Will be Used In Reseeding Parts Of Tillamook Burn

SALEM, Sept. 19 (UP) — Airplanes will be used in an experiment to reseed part of the vast Tillamook burn this winter, state forester Nels S. Rogers said today.

Reseeding approximately 250,000 acres of the area will begin in December. In addition to reseeded, forestry crews will plant two-year-old firs and cedars at the rate of about 250,000 a month. Snags in the burn also will be removed to eliminate fire hazards, Rogers said.

GETZENDANER ELECTED

SALEM, Sept. 19 (UP) — The Rev. Mark Getzendaner of the United Lutheran church was elected president of the Salem Ministerial association at a meeting yesterday. He succeeds Rev. Dudley Strain, pastor of First Christian church.

EGYPT BANS TOBACCO

Don't believe everything you hear about Egyptian cigarettes. The growing of tobacco is forbidden in Egypt. The tobacco used for the cigarettes is principally grown in Turkey.

S/Sgt. Orrin M. Carter

has received his discharge from the army separation center at Fort Lewis, Wash. He entered the service Feb. 18, 1942, at Fort Crook, Neb., and has been awarded the good conduct medal.

Li. Dean Knight

and his wife (and daughter are enroute to Oregon to spend part of his leave. Lieutenant Knight, stationed until recently in India, flew to Washington, D. C., and from there went to Atlanta, Ga. to join his wife. They three are driving here. Knight was a ball player in La Grande before leaving here with the national guard in 1940. He attended officers school at Fort Benning.

Mrs. T. W. Bates returned Sunday evening from Clarkston, Wash., where she spent a couple of days with her sister, Mrs. Eva Williams.

G. W. Taylor, who underwent a major operation at the St. Joseph's hospital Monday morning, is reported to be getting along as well as can be expected.

S Sgt. Lee Richeson

of Mr. and Mrs. Ernest Richeson, formerly of Imbler and now of La Grande, has been granted an honorable discharge at Fort Lewis separation center and is expected to arrive home sometime this week. Richeson left La Grande with the national guard in 1940, and since December, 1941, has had continuous overseas duty in the Pacific area.

Pfc. James Farris

son of Mr. and Mrs. J. M. Farris of La Grande, is at Fort Lewis separation center receiving an honorable discharge from the army. He has been serving in the European theater of operations. Two brothers are in the armed service, Pfc. Dick Farris, at Schorndorf, Germany, who recently transferred from the 63rd division into the 390th infantry of the 100th division where he plays in the bugle corps of the regiment, and Capt. John Farris, in China. Captain Farris is with a Chinese combat command and has been training Chinese officers as well as participating in actual combat.

Five OPA Cases to Go to High Court

SALEM, Sept. 19 (UP) — Whether or not state courts are obligated to hear OPA cases may be determined in the state supreme court today. Five cases involving the OPA are before the court.

Previously, the cases had been dismissed by the lower court on the grounds judicial authority in OPA suits lies in federal court. The OPA appealed the lower court dismissal.

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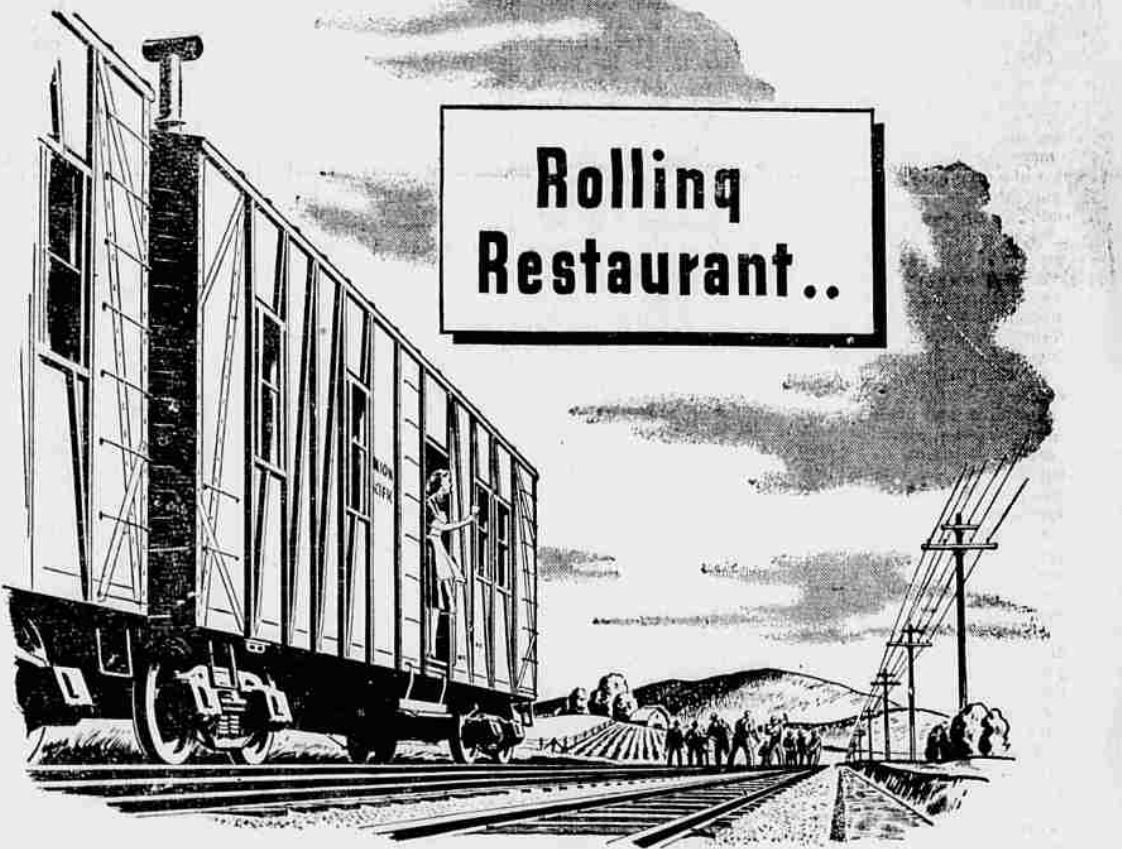
Loans for BUSINESS Operation

Many Oregon businesses—large and small—have increased their volume, expanded their quarters or added valuable new lines as a result of credit established at this bank. You will find our officers eager to discuss your business problems with a view toward making business-building credit available to you. Why not come in and get acquainted?

T. B. LUMSDEN, Manager
W. R. WINTERS, Acting Asst. Manager

La Grande Branch
Office of The
United States National Bank
28 BRANCH OFFICES IN OREGON

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION



Maintaining a railroad's track and roadbed in A-1 condition requires the services of a large number of construction crews. Hard workers—these men require plenty of wholesome food at regular mealtime intervals. But, being constantly on the move they are frequently many miles distant from a city or town.

To meet this situation, Union Pacific provides two "outfit cars" for each construction crew. In one of these cars there is a dining room, kitchen, and storage space for food... a rolling restaurant. The other car is converted into comfortable living quarters for the manager whose chief occupation is the preparation of meals.

There are a thousand of these outfit-car managers—fifty of them women. They find a deep satisfaction in their culinary ability to provide tasty, well-balanced meals... and in keeping their home-on-wheels spic and span.

Needless to say, the ringing of the dinner bell is a welcome sound to the construction crews who are doing their part to speed vital freight shipments, and the armed forces, over the Union Pacific Strategic Middle Route, uniting the East with the Pacific Coast.

THE PROGRESSIVE UNION PACIFIC RAILROAD

THE STRATEGIC MIDDLE ROUTE UNITING THE EAST WITH THE PACIFIC COAST