

**LOCAL NEWS**

**Go to Portland**—Mr. and Mrs. A. E. Elliott of Roseburg left today for Portland to spend a few days visiting.

**COEN'S Little PLUMBER**

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**Spend Day Here**—Mrs. G. J. Aspy and daughter, Bertha May, and Mrs. Paul Gary of Riddle were visitors in Roseburg yesterday.

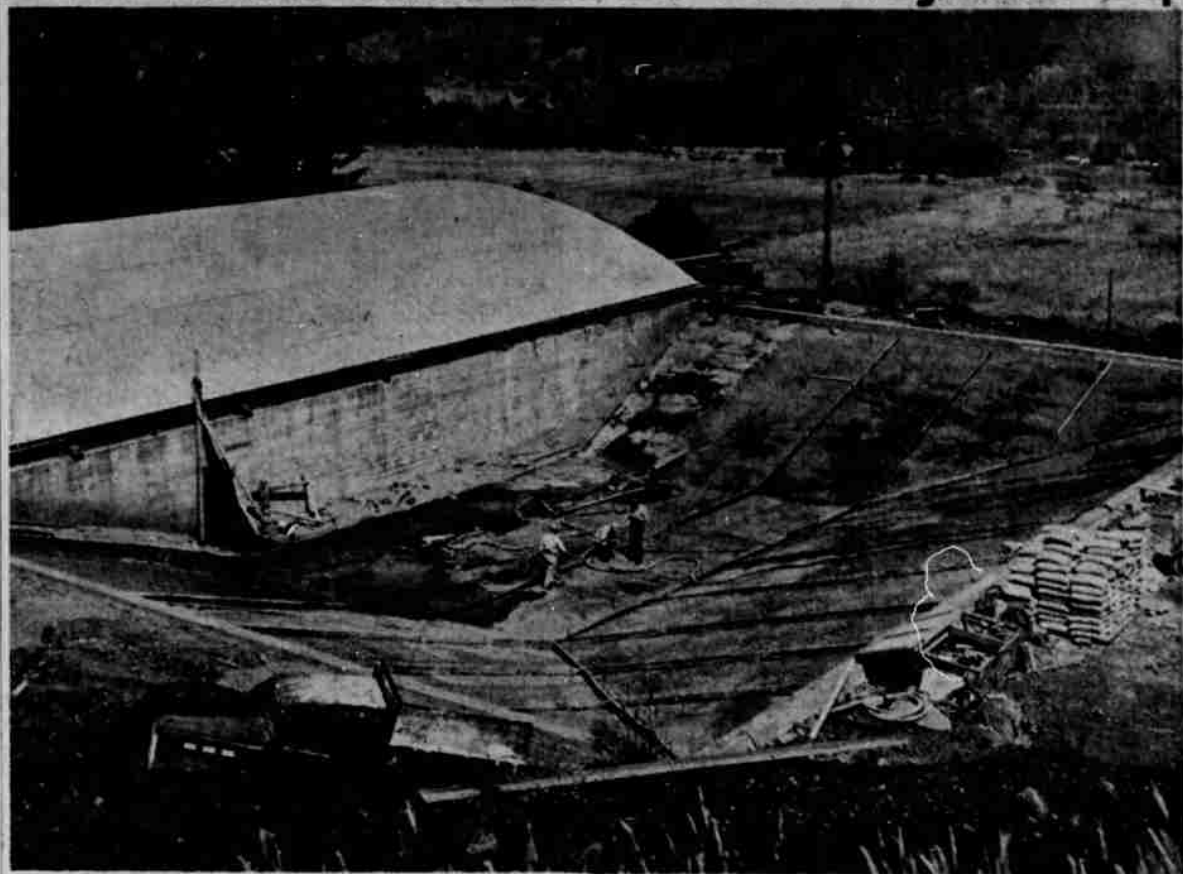
**Back From Portland**—Mr. and Mrs. Bert Shoemaker Jr. have returned to their home in Winchester, following the weekend in Portland visiting the latter's mother, Mrs. Leora Richards.

**Leave for Wyoming**—Mr. and Mrs. Don Webb and son, Donnie, have left for their home in Laramie, Wyo., following several weeks in Roseburg visiting at the home of Mr. and Mrs. Charles W. Fingerlos and family.

**Leaves for East**—Miss Daphne Hughes, executive secretary for the Youth Consultation Service of the Episcopal Church, left here Tuesday for Newark, N. J., to resume her work, following her vacation.

**Son is Born**—Mr. and Mrs. J. P. Brumbach of Roseburg have received word telling of the birth of a son, Joseph Watson Brumbach Sr., at Key West, Florida. J. Brumbach is a night fighter pilot on the USS Kearsarge, now on cruise in the Mediterranean.

**Drain's 650,000-Gallon Reservoir New Progressive Step**



**NEW RESERVOIR FOR DRAIN**—Above is seen the new 650,000-gallon water reservoir nearing completion at Drain. Concrete is blown on the sloping sides and bottom of the tank by means of compressed air, as seen at left. The dry cement and crushed gravel is shoveled into the machine which blows the mixture through a hose. Water is added at the nozzle. The concrete mixture is tamped under 45 pounds of air pressure.

By JEROME SHELDON  
News-Review Feature Editor

Drain's new \$35,000 water reservoir is nearing completion. Located on a hill west of the city, the twin concrete tanks will hold a total of approximately 650,000 gallons of water and replace a 90,000-gallon wooden tank formerly used.

Half the reservoir was completed last winter and is now roofed with corrugated aluminum sheeting. The first half of the tank was used while the old reservoir was removed and the second half of the new reservoir was dug.

McKenna and Wells of Independence, Ore., have been the contractors for the reservoir construction, while Howard E. Rose of Portland is the subcontractor for "blowing" the concrete by means of compressed air on the sloping sides and bottom of the tanks.

**Better Concrete Method**  
Rose uses the "Gunite" method, which has been employed for nearly 45 years, he said. A denser concrete mixture is produced than by the standard way of mixing and pouring the concrete, he explained. The dry ingredients are blown by compressed air through a hose and mixed with water at the nozzle. Originally steam instead of compressed air was used in the process.

Advantages of mixing concrete this way, Rose said, are that one-third to one-half less water is required than in the standard methods and the finished product is less porous than poured concrete. A "Gunite" concrete floor need be only three inches thick, he said, where a poured concrete floor would be six inches thick.

The man who operates the hose must be an expert. For he regulates the amount of water flowing into the nozzle from a second

hose, by means of a valve. If the mixture is too wet or too dry, he changes the amount of water. The compressed air tamps the concrete mixture down hard. Without that pressure, the concrete would crumble when dry, Rose said.

"Gunite" has been used extensively by the U. S. Reclamation Service in constructing irrigation canals, Rose said. It is also used to fire-proof steel beams. In the latter process mesh is wrapped around the beams and the blown concrete clings to the steel.

Ben B. Irving, consulting engineer to the City of Drain, said the reservoir has cost approximately \$20,000. The aluminum roof, supported by 75-foot wood arch trusses, cost \$6,500 to install. The balance of a \$35,000 bond issue is being used to complete the reservoir.

Dimensions of the two tanks are 118 by 148 feet at the top and 40 by 80 feet at the bottom. Flexibility of use will be provided by the two tanks. Water is brought in from Bear Creek, about five miles west of the city, by a six-inch intake, while discharge to the city is through an eight-inch pipe. City water mains are wooden, Irving said.

and the route to the north entrance of the lake will not be opened until the end of July, the State Highway Commission said today. It will take that long to remove snow and slides.

The earliest historian probably was Herodotus.

The French language grew from the colloquial Latin of Caesar's legions combined with Celtic, Germanic and Gallic words. It was not called "French" until the 11th Century, when it took its name from the small kingdom of France around Paris and Orleans.



**Mrs. Hamilton Home**—Mrs. Fred Hamilton has returned to her home on Blakelev street, following several days in Portland and Eugene visiting and attending to business.

**Home From Portland**—Gordon Gerretsen, son of Mr. and Mrs. Will H. Gerretsen, has returned to his home on Blakelev street following several days in Portland on business. During the school year, Gordon attends University of Oregon.

**D. of U. V. to Meet**—A D. U. V. party will be held Friday night, July 23, at the home of Mrs. Anna Peterson, 1026 Military street, honoring members having birthdays in June and July. A shower will be given for Gayle Moffitt. A desert potluck supper will be served.

**Home From Visit**—Miss Nancy and Roger Allen returned to Roseburg today, after spending 10 days in Medford visiting relatives. Their sister, Miss Noreen Allen, returned home Saturday in order to attend the opening session of Camp Fire Camp. They are the children of Mr. and Mrs. W. H. Allen.

**Home From California**—Mrs. Don Albright and daughter, Bonnie Sue, have returned to their home in Roseburg, following two weeks in California visiting relatives. They were accompanied home by Mrs. Albright's brother and sister-in-law, Mr. and Mrs. Ray Hobart, and daughter, Beverly.

**RIM ROAD STILL CLOSED**  
SALEM, Ore., July 21.—(AP)—The rim road around Crater Lake

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**Forest Fire Closes**

**N. Santiam Highway**

SALEM, Ore., July 21.—(AP)—The North Santiam Highway was closed today by a forest fire west of Detroit.

State Forester Rogers said the fire is in steep country and difficult to fight, but that he hoped it would be controlled some time today. It has burned between 20 and 30 acres, half in the Willamette National Forest and the other half on state lands. The fire started last night.

**Albany Engages New School Superintendent**

ALBANY, Ore., July 21.—(AP)—I. R. Halseth, who has been school superintendent at Green Springs, Wyo., for five years will be Albany's new school superintendent.

the School Board announced today. Halseth succeeds R. A. Mack, who was not re-elected to the board after he had served four years.

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**ANNOUNCING A NEW ARRIVAL**

Much larger than usual. It was delivered several days ago. Mr. and Mrs. Jack Saunders are proud to call it their own.

It has been admired by friends and neighbors. Jack himself is grinning from ear to ear and why not? It isn't every day that a fellow gets a new LOXIDE home.

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It was delivered by BILL ADAIR under the auspices of CHARLIE BRIGGS, the Oregon LOXIDE Distributor.

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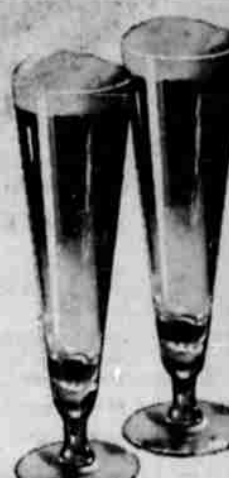
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