

IRRIGATION IS GIVEN BOOST

Harper Unit of Vale Project Is Scheduled to Open Today, Word

(Continued from Page 1.)

Completed on the Grants Pass, Shasta View, Warm Springs and Ochoee districts.

Several other districts have financial problems which have not yet been solved; but they will be taken up under the new 1929 law within a short time.

With the refinancing of irrigation districts steadily improving, it should be made. New lands will be put under water. Present lands will be developed and made more productive. Owners will feel secure in their places and will be willing to put their effort and money into further development.

With this present and prospective development in irrigation in Oregon this decade should see a marked expansion in wealth produced from the soil, should see an increase in the farm population, and growth in the cities serving these irrigated districts.

ROAD PLAN VIEWED AS BOON TO ALASKA

FAIRBANKS, Alaska (AP)—Alaskan mines are predicting even greater mining activities if the proposed Seattle to Fairbanks highway is built.

Frederick W. Bradley, president of the American Institute of Mining and Metallurgy, predicted that not only would such a highway open up the mineral wealth of the region, but would aid in permanent settlement.

"This proposed road strikes me as an excellent idea," he asserted. "The highway, running through northern British Columbia and back to the Alaskan panhandle, would open up an immense, well mineralized district to development and would well repay the Canadian and United States governments with the resources it would tap."

Development of the Alaska-Juneau and Treadwell-Yukon mines, both of which are of great interest to the entire northwest, is progressing rapidly.

"The district is destined to be one of the foremost mining districts of the American continent. With a highway connecting the region with Canada and the United States, development would be so rapid as to be almost miraculous."

Alaskan residents look on the proposed road as a first step into a great network which would spread entirely over the territory.

It is seen here as a means of unfolding the beauties of Alaska to a great army of tourists that would doubtless follow the opening.

DAM SITE ON OWYHEE RIVER



—Photo Union Pacific Railroad.

This picture shows construction work in progress on the dam site of the Owyhee river above Ontario, Oregon, which will impound water for the great irrigation project. The tunnel mouth is also shown.

MAN-MADE SPARK STRIKES AIRPLANES

By R. P. CRONIN, JR. (Associated Press Staff Writer)

AKRON, Ohio (AP)—Man-made lightning has convinced one engineer that an airplane may be struck in flight but that lightning hazards may be eliminated by insulation.

Arthur O. Austin of Barberton, O., says his experiments show lightning will strike protruding parts of a plane. These, he says, may be protected.

The radio aerial and air speed indicator tube were shown to be the most likely parts to be struck. Under certain conditions lightning striking a speeding plane might cripple the ignition system or burn out a bearing, Austin found.

In his outdoor laboratory Austin explodes synthetic bolts on model planes, wing sections, fuel tanks, motors, ignition systems, and one full-sized plane.

Lightning shot at a wooden

propeller, in motion, followed the course of a metal sheath and jumped to the top cylinder. The motor, however, continued to function.

Bolts of 3,000,000 volts are shot in the laboratory, and Austin plans to double the voltage. The laboratory, a maze of electrical machinery, includes three of the largest transformers in the world, each rated at 900,000 volts.

The transformers feed into each other to create the high voltage used. Overhead are transmission towers, insulator strings, oscillators, and a large cage aerial in which the electrical charge is stored.

Austin became interested in the research after the crash last fall of a Transcontinental Air Transport plane. Aviators had contended that lightning is no hazard to planes in flight and that metal planes, even if struck, would carry away the charge without damage.

The engineer plans a public demonstration of his experiments in the summer.

The Pamunkey Indians give a deer to the governor of Virginia every year.

ANNOUNCE CUTS IN PLYMOUTHS OREGON WOOL IS ON INCREASE

Chrysler Authorities Order Drop in Rates on All Of Models

DETROIT, Mich., Mar. 15 (Special)—New low prices on Plymouth cars which represent reductions of \$65 to \$70 on all body styles effective at midnight tomorrow are announced by officials of Chrysler Motors.

These low prices which are made possible by new merchandising and distributing plan are, coupe, \$590; three window four-door sedan, \$625; roadster with rumble seat, \$610; deluxe coupe with rumble seat \$625; two-door sedan \$610; deluxe sedan \$675; touring \$625. Prices are f. o. b. Detroit.

These new low prices make Plymouth one of the lowest priced cars in the world. The new method of distribution of Chrysler's lowest priced car which is now being made will in the near future make available Plymouth sales and service facilities at more than 10,000 Chrysler, Dodge and DeSoto distributor and dealer establishments throughout the United States and Canada.

The improved Plymouth offers a full-sized motor car, with four-wheel internal expanding hydraulic brakes, high compression engine with full force lubrication, and rubber mountings.

CANADIANS SEEK TO CURB BOOTLEGGERS

OTTAWA, Ont., March 15 (AP)—Canadian government officials now act as the connecting link between distilleries and United States bootleggers, a practice which the people of Canada want to abolish, Premier MacKenzie King asserted today during the second reading of his bill to prohibit clearance of liquor to a country where its sale is prohibited.

The purpose of his bill, he explained, is to eliminate such a condition of affairs and to prevent the countenancing by officials of anything in the nature of smuggling contraband into another country. He said that under the present system revenue agents knew when liquor would fall into the hands of rum runners because the release permits stated such facts.

"In other words," the premier said "the present system is found to afford a link between the brewery and distillery and the criminal gang."

"This country cannot afford to have its position capable of interpretation in any such light by any other country in the world. Such a condition is distasteful to the people of Canada and has only been tolerated so long because of the failure to realize this aspect of the situation."

Cattle Show Decrease and Horses Falling Into Disuse Now

EUGENE, Ore.—(A P)—Important developments in the Oregon livestock industry during the past few years have been a notable increase in wool, a gradual decrease in cattle and a great decline in the use of horse, according to a survey made by different investigators for the University of Oregon. A. L. Lomax and T. N. Van Gulter.

The wool industry of Oregon has expanded to such an extent that at present it produces enough fiber to supply Oregon and still have an exportable surplus of more than 14,000,000 pounds annually.

Production of mohair is approximately 462,000 pounds all available for export and shipped mainly to the Atlantic seaboard where it is used for upholstering and draperies.

Texas mohair is listed generally at a price two cents higher than the Oregon product, the survey pointed out, a condition due to the fact that the Texas growers are building up their flocks and fleeces by selective breeding and the use of thoroughbred wethers there is only a slight indication of similar activity on the part of Oregon farmers.

Figures on the cattle industry tend to indicate that Oregon is killing more beef than it is raising, since a decrease of 27.2 per cent in the last 11 years is shown by the loss of 252,000 head since 1919 where there were 925,000 head on Oregon farms. There is, however, a considerable exportable surplus of beef as well as veal, mutton, and pork. Oregon's exportable surplus of cattle is in direct competition with the corn fed cattle of the midwest, especially when the demand is slack. At other times when prices are firm and rising, the range fed animals of this state find no difficulty in meeting buyers, the report stated.

Horses on farms in Oregon since 1919 have shown a decrease mainly because of the more extensive use of tractors and other mechanical farm machinery previously operated by teams, the report said.

BERLIN (AP)—Germany bought back from Argentina in 1929 about \$4,000,000 worth of German gold coins, part of the heavy gold exports to South America in the postwar inflation years.

ESKIMOS WIN 8-0 SEATTLE, March 14 (AP)—The Seattle Eskimos clung to their last faint mathematical

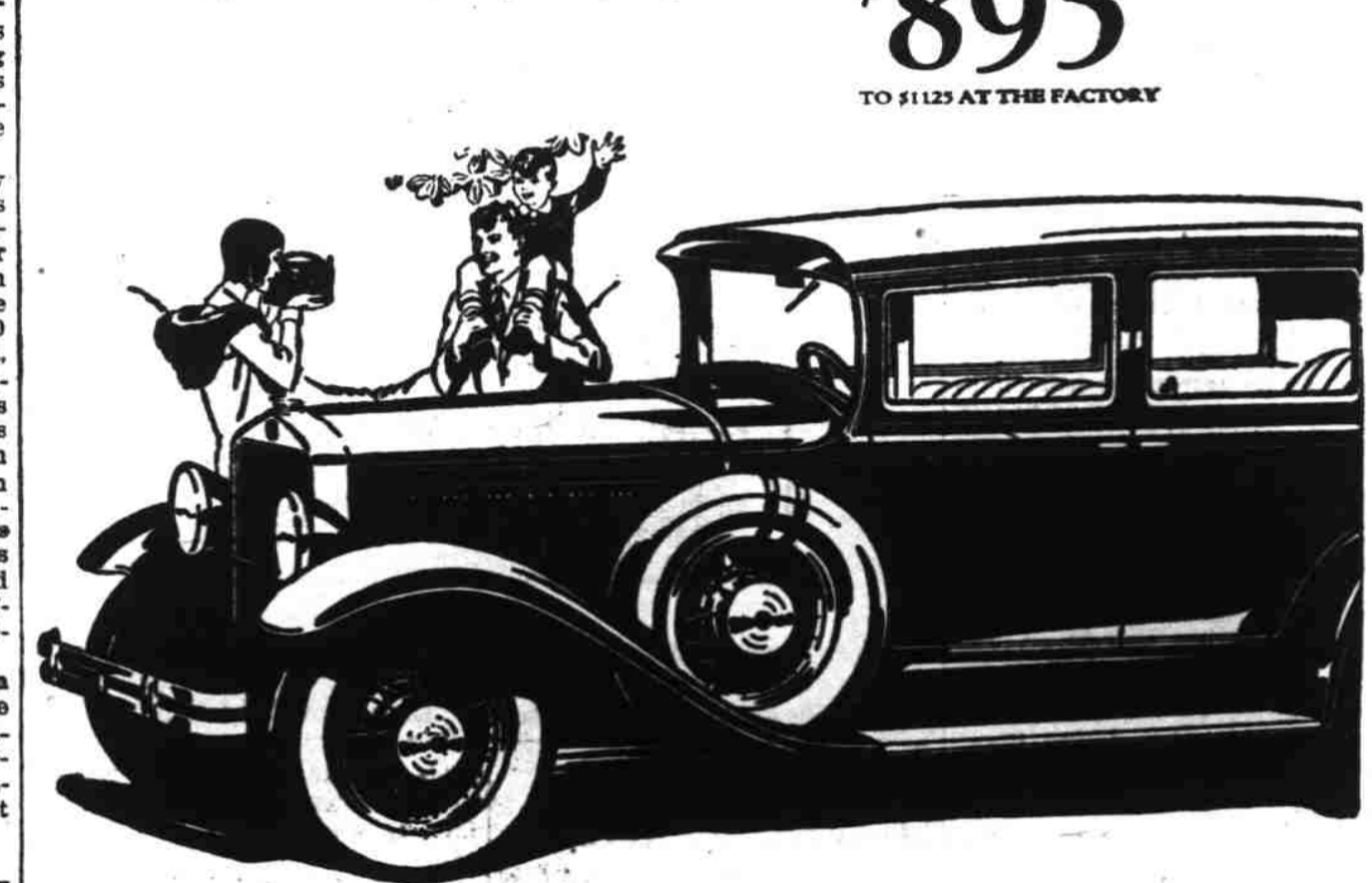
chance of getting into the Pacific Coast Hockey league championship playoff when they overwhelmed the tattered Victoria Cubs by an 8 to 0 score here tonight.

MERGER ABANDONED YOUNGSTOWN, Ohio, March 14.—(AP)—Cyrus S. Eaton, Cleveland financier and command-

er-in-chief of the opposition toward the purchase of the Youngstown Sheet & Tube Co. by the Bethlehem Steel corporation, declared here tonight that "the deal will not go through."

DYNAMIC! Studebaker's New ERSKINE

Not only is the Dynamic New Erskine dominant in performance, but in size and value as well. A 70-horsepower engine, cushioned in rubber, provides reserve power. Its 114 inch wheelbase—its style and its many fine car features make it one of the major triumphs of Studebaker's 78 years of quality manufacture. It provides, for instance, Duo-Servo 4-wheel brakes; Hydraulic shock absorbers; Self-adjusting



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That the new De Soto Straight Eight is the lowest-priced Eight in the world is only one of the many appeals that this car is making to thousands of buyers. It is distinctly the kind of car that gives no hint of low price.

It is a big car—roomy and comfortable. It is a powerful car that gets away like a flash, and is capable of sustained high speed. Its Unisteel type of body and chassis construction affords new measures of sturdiness and safety. And its mechanical features and equipment parallel those found in Eights selling for hundreds of dollars more.

There is nothing commonplace about the De Soto Straight Eight—despite its low price. And, anyone who will spend five minutes behind the wheel will find that there is far more to recommend its ownership than its low price—construction as that is.



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The GOLDEN ROCKET

Demonstrator represents an invitation to drive this great new car

Below are some actual tests of the Oakland 8 made in our own city.

Acceleration from 10 miles per hour to 28 miles per hour in 5 seconds.

From 10 miles per hour to 35 miles per hour in 8 1/2 seconds.

30 miles per hour to 50 miles per hour in 7 seconds.

In one city block from 10 miles to 42 miles speed in a time of 11 1/2 seconds.

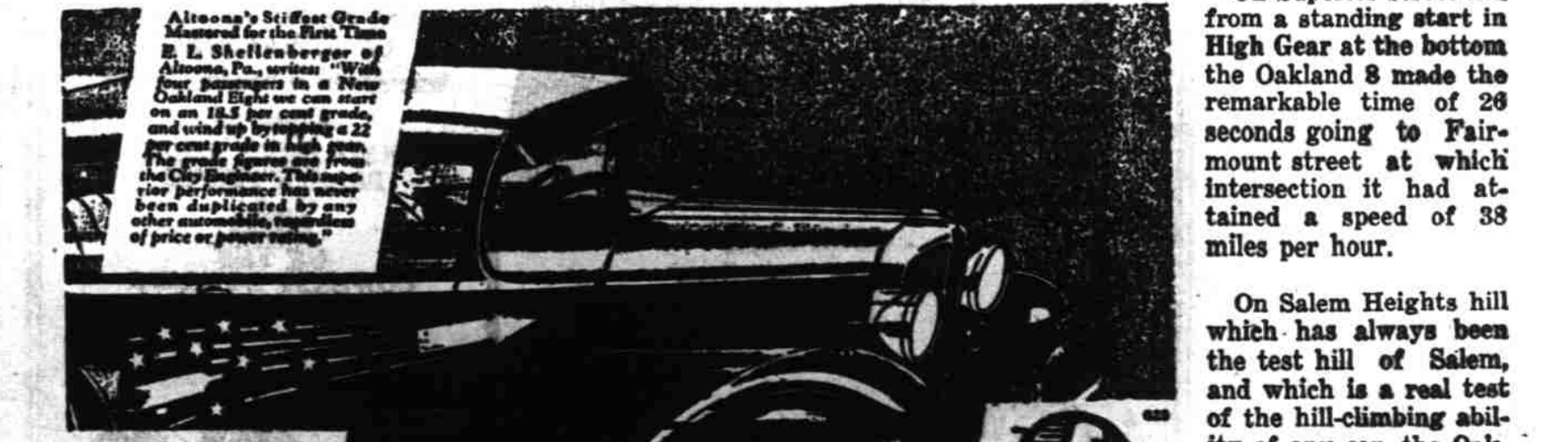
From a standing start to a speed of 70 miles per hour in 26 seconds.

On Superior street hill from a standing start in High Gear at the bottom the Oakland 8 made the remarkable time of 28 seconds going to Fairmount street at which intersection it had attained a speed of 33 miles per hour.

On Salem Heights hill which has always been the test hill of Salem, and which is a real test of the hill-climbing ability of any car, the Oakland 8 from a standing start in HIGH GEAR reached the top at a speed of 28 miles per hr. and in a time of only 28 seconds.

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Altoona's Stiffest Grade Mansard for the First Time E. L. Shellenbarger of Altoona writes: "Eight four passengers in a New Oakland Eight we can start on an 18.5 per cent grade and wind up by topping a 22 per cent grade in high gear. The grade figures are from the City Engineer. This superior performance has never been duplicated by any other automobile, regardless of price or power rating."