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THE LEADER IN OREGON IN FINANCING THE CREDIT REQUIREMENTS OF TRADE, COMMERCE AND INDUSTRY

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION

Grand Coulee Dam Recently Visited by Group

(Continued From Last Week)
On our way back to the Dam, our guide tells us that instead of being a solid pile of concrete, as we had supposed, there will be more than 8 miles of galleries inside the finished Dam.
The lowest row will be for grouting the granite on which the Dam rests. From these galleries, holes from 30 feet to 200 feet deep will be drilled into the granite and thin cement will be pumped into these holes at pressures ranging from 250 pounds per square inch in the 30-foot holes to 600 pounds per square inch in the 200-foot holes.
The purpose is to seal with cement all cracks in the rock under the Dam.

There will also be a row of up-lift pressure relief holes permanently open into a drainage gallery in the base of the Dam.

Other galleries in the Dam are for inspection, gate control and cooling.

Besides the galleries, there will be 78 passages, through the body of the Dam, for water. Sixty of these are 8 1/2-foot tubes arranged in 3 rows of 20 tubes each spaced 100 feet above each other. These pass through the spillway section of the Dam, will be gate-controlled and have a combined capacity of 273,000 second-feet. The other 18 outlets are the penstocks to the turbines in the power houses. These are 18 feet in diameter and are arranged 9 at each end of the Dam—where the power houses are located.

The World's Largest Power Plant
The size of these power plants is something to conjure with.

Each is 2 city blocks long, 112 feet wide, and 14 stories high.

Each will house nine 13,800-volt, 105,000 KW generators driven by 150,000-h.p. vertical hydraulic turbines. In addition to these large units, there will be three 10,000 KW service units.

The total horsepower of the turbines will be 2,700,000—as against 1,835,000 at Boulder Dam, and 452,000 at Niagara.

The pumping plant will be located on the upstream face of the Dam at the west end. It will contain 12 single-stage centrifugal pumps each driven by 62,500-h.p. direct connected synchronous motors. The lift to the Grand Coulee will average 295 feet. Ten of the pumps will handle the 16,000 cubic feet per second required for irrigation—the other 2 standing by as "spares."

The discharge from the pumps will be through 13-foot conduits 800 feet long into a canal which will lead to the head of the Grand Coulee reservoir 1.7 miles away.

Standing at the toe of the Dam we get some idea of the size of the great spillway which sweeps down at us over the face of the Dam. It is 1650 feet long and will have a capacity of a million cubic feet of water per second. The tremendous curling lip where we are standing has been designed to dissipate the 32 million h.p. of kinetic energy which this great volume of water will generate when falling over the spillway.

With the outlets through the Dam, the monster spillway will take care of a volume of water 3 times as great as the maximum recorded flood on the Columbia River and twice as great as the estimated flood during the great flood of 1894.

Wells was elected President, Monday night at the home of Mrs. Wm. Munroe.

Chronicle Advertising Pays

Silo Silas Sez . . .

Farm statistics show that hogs increased over five million this last year. One wonders if that includes those on the road, too.

Whenever Dame Fashion wants to put men in their place, she

swears to bring back the bustle. We are afraid they might still make a movie of Buffalo Bill and give a singing cowboy the title role.

It isn't necessary to fool all of the people. Fool fifty percent of the population and you're a success.

WHY Does Hood River Prefer

Blatz

OLD HEIDELBERG BEER?

Because...

1. This Special Pilsener Brew is a new taste sensation!
2. Its DISTINCTIVE, TEMPTING FLAVOR sets Blatz apart from all other beers!
3. Its SMOOTH, FULL BODY always produces a rich, creamy collar!
4. It is a LIGHT-COLORED BEER that sparkles with life and zest!
5. It does not give you that filled-up feeling!

Always Union-made
BLATZ BREWING CO.
MILWAUKEE, WISCONSIN



Cascade Locks Chronicle

Official paper of city of Cascade Locks, Oregon.

Official publication for American Legion post No. 88, Bonneville, Ore.

Entered under the name of Bonneville Dam Chronicle as second class matter at the postoffice at Hood River, Oregon, under the Act of Congress of March 3, 1879.

JOHN H. TRAVIS, Editor

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SUBSCRIPTION RATES

One year, \$1.00

"The original TVA act, it is true, makes inadequate provision for payments by TVA in lieu of taxes. It allotted to the States of Alabama and Tennessee 5 per cent of gross revenues from electric power sales for this purpose. A bill was introduced in Congress July 31 by TVA sponsors to increase this amount, improve its apportionment, and assure that the payments to the states would not be less than they had been on property acquired. In addition the TVA requires through contracts that municipalities and cooperatives which distribute its power at retail shall set aside the full equivalent of ordinary taxes. This leaves the matter of Federal taxes. On that score Uncle Sam has only the hope of receiving the profits, if any, from TVA as compensation for what a private company pays in income taxes.

"Mr. Willkie protested his company was being 'forced' to sell at approximately 80 per cent of its claimed value. Private firms sometimes have felt this way when taken over by another, more powerful private corporation. The price paid seems reasonable in view of depreciation." Reprint from Christian Science Monitor.

AGAINST THE P. U. D

This week a complaint was filed in the circuit court concerning the election and formation of the recently created Hood River Public Utility District.

The complaint was apparently meant by its filer to be of a destructive nature. Its object is to declare null and void the creation of a public utility district in Hood River County.

The filing of the complaint is and should be welcomed by the sponsors of the movement. Any project as large as the Hood River Public Utility District must be built on a firm foundation; if it is not it will crumble in the end. This complaint gives the directors a chance to test their foundations before they enter into serious negotiations.

The only product that never seems to exceed the demand for it is propaganda.

Real presence of mind is in remembering the license number of the fellow's car that hit you.

Land Transactions

Joe S. and Harty Miller to Kathryn Geer, warranty deed, conveys tract in Sec. 6, Tp. 2 NR 8 EWM.

Anna K. Allan to Benson Ashley, warranty deed, conveys 8 acres in Sec. 2, Tp. 2 NR 10 EWM.

Benson and Anna M. Ashley to L. J. Neuffer, warranty deed, conveys 8 acres in Sec. 2, Tp. 2 NR 10 EWM.

Frank Van Horn and Rachel M. Van Horn to Lenore Van Horn Waggoner and Harry, B. and S. deed, conveys Sec. 10, Tp. 2 NR 10 EWM, containing 6 1/2 acres, also tract containing 2 acres in Sec. 10.

Ethel and A. D. Tomlinson to Cecil and Lucille Harbert, warranty deed, conveys E 1 acre of a tract which runs the full width of Lot 9, in the center of Lot 9, Adams Paradise Acreage.

Alice Hoff to Ethel E. Thornbury, warranty deed, conveys Sec. 15, Tp. 2 NR 10 EWM, containing 10 acres.

Willamette Valley Advent Christian Conference to M. T. and Blanche Lewis, warranty deed, conveys 1 acre in Sec. 11, Tp. 2 NR 10 EWM.

Emma Irene Woodward and Charles Richard Woodward to C. L. and Violet Hoover, warranty deed, conveys Sec. 4, Tp. 2 NR 8 EWM, containing 40 acres.

Chester B. Tanquary to William Wells Bennett, deed, conveys Sec.



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Cold weather will soon be here; be prepared. We advise that you order now if you want to be prepared for a sudden cold snap and save the annoyance of slow deliveries in stormy weather.

That you may realize the most for your money we stock four sizes:

- LARGE LUMP, for large furnaces.
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- NUT, for ranges.
- Stoker's SLACK, dustproof, for automatic stokers.

Tum-a-Lum Lumber Co.

Phone 4121 Hood River Oak Street

HOUSEHOLD HINTS—

If you are short of flower holders, or with odd shaped ones that do not fit certain vases, try putting about an inch of sand in the bottom of flower bowl or vase. You can stick the stems into the sand in any arrangement that you desire. The flowers will look more natural, too.

Racing fans who patronize the pari-mutuels at the Oregon State Fair racing meet, which opens Labor day, will be afforded the last word in absolutely fair races for the seeing-eye or photo flash finish will be employed on the race track this year for the first time. The meet at the fair grounds in Salem will last six days, none being held the closing Sunday of the state fair.

WELLS ELECTED PRESIDENT

At the weekly meeting of the directors of the Public Utility District of Hood River County, Walter

First Showing

New 1940 PHILCO

Built to receive TELEVISION SOUND!

... with amazing BUILT-IN SUPER AERIAL SYSTEM

... that combines self-contained Loop Aerial, costly R. F. Stage and super-efficient Loktal Tubes.

1. No Aerial Wires overhead. No ground wires underfoot. No mess, no bother, no fuss.
2. No installation! Just plug in and play. Carry table models from room to room. Place consoles wherever they look best.
3. Clear Tone in Noisy Locations! Annoyance of man-made static and noise conquered!
4. Undreamed-of Power in every 1940 Philco, even at lowest price!

PHILCO 180 XF
\$74.95

Finest console ever offered at this price! Built-in Super Aerial System with Twin Loop Aerial gives finer American and Foreign reception. Cathedral Speaker, Bass Compensation, Variable Tone Control, Electric Push-Button Tuning, including button for Television Sound reception. Gorgeous Walnut cabinet. Come in—see it!

Carry It From Room to Room!

EASY TERMS

Plug in anywhere and play... enjoy finer, clearer reception, thanks to the Built-in Super Aerial System. Built to receive Television Sound. A.C. operation. Handsome Walnut cabinet with carrying handle. Tremendous value!

PHILCO 120 C
\$24.50




Bartol Motor Company
Hood River, Oregon