

THE DAM CHRONICLE

Published every Thursday in the interests of the Bonneville dam area.

Mark A. Shields, . . . Editor
John H. Travis, Business Manager

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

SUBSCRIPTION RATES

By Carrier	
One month	20 cents
Three months	50 cents
By Mail	
Three months	\$0.50
Six months	\$1.00
One year	\$2.00

OUR PROGRAM

1. Develop a fire protection system.
2. Create a water district and develop lands between Craigmont hotel and Herman creek.
3. Install street lights.
4. Lay down sidewalks—even though they are wooden sidewalks.
5. Urge the federal government to purchase the toll bridge and make it a free bridge.
6. Launch a campaign to make the lake back of the dam the most popular resort on the West Coast.

BURNED FINGERS

Over the radio and through the daily press the American people are being urged to remain calm and observe the strictest neutrality between Italy and Ethiopia.

It is sound advice, but hardly necessary, for the public is observing the European quarrel at a safe distance with the same enthusiasm that it follows the world series or a championship fight.

Whether the Italians have any business in Ethiopia is a matter of personal opinion, and whether the English should attempt to drive the Italians out of Ethiopia is something that the British Empire must determine for itself, for unless the temper of the American people undergoes a radical change the United States is going to stand idly by and play no favorites.

Neither overseas trade nor profits which might accrue to munitions manufacturers from sale of war supplies are worth a war and the present administration may be trusted to abstain from embroiling this country in the conflict. Europe has had its wars since the dawn of history and will continue to have them so long as the peoples of those unhappy nations make gods of men like Hitler and Mussolini. Aware of incapacity of the Europeans for democracy, the American congress has repeatedly refused to accept either the World Court or the League of Nations. Our fingers have been burned once. That is enough. It may be too bad for Ethiopia, but it is fortunate for America. We will leave European politics alone.

ON WITH THE DANCE

For two weeks the song of hammer and saw has been heard within the walls of "Jim" Merrill's dance hall. Saturday night the pavilion will be reopened to the public under a new policy. Under the new policy the hall becomes an amusement center which promises to make Cascade Locks a bright spot on the highway. Refreshments and food will be served within the pavilion. There will be dancing and music nightly, and except for Wednesday and Saturday nights the cover charge, or admission charge, will be only 10 cents.

Over in Washington the state liquor control commission does not permit of serving of beer in dance halls. And under the Knox act in Oregon there can be no

entertainment in taverns and roadhouses outside of incorporated towns. Hood River's city council frowns on cabarets. All this means that Merrill's is going to be the one bright spot on either side of the Columbia, between Portland and The Dalles.

Properly supported Merrill's will draw customers from the highway and for miles up and down the river. These visitors will spend money. They will spread the fame of Cascade Locks as a liberal, sensible town where people can enjoy their leisure. And the town as a whole will profit, and it should give "Jim" Merrill the heartiest kind of support.

THE LAST LEAF

With the letting of the contract for the powerhouse superstructure the last job of importance on the dam will soon be under way. Awarding of the contract to the General-Shea organization has been fortunate, for it means that many men and many families who have been in the district for months will be en-

abled to remain through the winter. Then, too, these contractors have been fair in their relations to labor and in their treatment of workers as a whole.

Numerous small contracts will come up from time to time with the passing months, but after the first of the year the end will be in sight.

The reservation has been developed until the project gives the casual visitors the impression of a huge industrial plant where men work and live. The early pioneering is now a matter of past history and in the spring, when the powerhouse superstructure is completed and steamboats begin passing through the ship locks the old-timers, who have been on the job for two years, or longer, can look back and begin to recall the "good old days" when Bonneville was a wilderness.

Time flies. With fair luck Columbia Construction company will be planning on its next contract early next summer and its employees will be wondering where they will set up their next temporary homes.

Indian Legend of Famous Bridge of Gods is Hooey, So Says Eminent Geologist

The army engineers program of building a series of dams on the Columbia river seems a huge project, but in checking up on old mother nature we find these are petty jobs to the ones she has been doing for centuries back, according to Claire Holdredge, chief geologist on the Bonneville project.

The first and the largest dam that was ever formed on the Columbia was just east of the Dalles. The body of water held in this reservoir extended over a huge portion of Eastern Oregon and Washington. This blockade was formed by lava flows from Mt. Hood and Mt. Adams.

In the course of events the water flowed over this and slowly thru the ages has worn away the greater portion of this embankment.

Later on Mt. Adams sent a molten mass of lava flowing down the Big White Salmon. It crossed the Columbia and flowed some distance up the Hood River valley. Another portion of the same flow came down Wind river and on to the Oregon shore at Herman creek. This occurred rather recently in a geological sense. Upon close inspection of these two valleys one can see where the original large valley was and then where the flow filled the bottom of these valleys. The streams continued flowing and their present bed is through this lava. A very good illustration of this is at the suspension bridge on Wind river, where the stream has cut almost perpendicularly into the flow to its old bed.

As time went on the river overflowed each of these dams and wore them to what one sees now. It is estimated that the dam at Hood river was about on the level with the present town of Bingen.

Many of the newcomers have wondered about the mythical Bridge of the Gods. Mr. Holdredge, whose job it is to know about such things, explained his views, which coincide with the majority of the geologists.

The Ruckel slide, which has been troublesome to construction men since the first railroad job through it years ago, according to indications was the next job undertaken by mother nature. Between Hood River and Dodson is an impervious formation known as the Eagle creek formation which is the result of lava dust blown out of an active volcano settling down and mixing with gravel and water. On top of this flowed the molten lava, or basalt.

These formations are found in horizontal layers in the hills above the dam on the Oregon side. When the slide occurred, the south side of the slide slid below the level of the north, or river side, of the slide. This caused the Eagle creek formation to be tilted, forming a huge, almost water tight basin against the hills. The basalt broke into large boulders in this basin with space between them where water collected. The water, instead of running off, runs into these spaces between the basalt and stays there. The object of the present tunnels being drilled by the army engineers, is to penetrate the impervious material and let the water drain from between these boulders.

The river at that time was flowing down the center of the channel and the slide which came to the center of the stream forced it over against the Washington shore.

With the river washing away the toe of this slide and the pressure of the water from behind the Eagle creek formation, the slide is continually moving, out in the river. The engineers anticipate no more movement with the completion of the tunnels.

The Bridge of the Gods was part of a huge slide that parted from the cliffs on the Washington shore. It blocked the Columbia to an estimated height of 250 feet, which is about three times the height of the present dam. As near as the geologists are able to estimate it was three or four months before the lake filled up. During that time the Indians walked across it and thereby started the legend.

When the water reached the top the dam failed, as any other earth dam would, and washed out the majority of the embankment. This material settled on the lower end of Bradford island, forming all the flat upon which North Bonneville is located and formed Hamilton island. Remnants of the dam are the rapids and the two points of land upon which the present Bridge of the Gods is located.

Tooth rock, through which the railroad tunnel has just been completed, and the highway tunnel will be started, is a large boulder two or three million cubic yards, that slipped from the top of the hill behind and slid 2,000 feet to its present location. The notch from where it dislodged and the scars it made as it slid are visible to one that looks closely.

ORDINANCE NO. 9

Be it ordained by the Common Council of the City of Cascade Locks:

SECTION 1—That the council shall meet at the store building of S. O. Clodfelter on the Columbia River Highway in the City of Cascade Locks, Oregon.

Passed the Common Council of the City of Cascade Locks, October 14, 1935, and approved by me this 14th day of October, 1935.

CHARLES H. NELSON,

Mayor.

ATTEST:

W. J. CARLSON, Recorder.

Mrs. William Steiner is vacationing on the coast at Newport. She is expected to return Saturday.

Lost: Purse with money, small Jersey cow.
For Sale: Antique chair by man with hole in back and scratched leg.

SPECIAL NOONDAY
Merchant's
Lunch
35c

Moran's Lodge

DARTO

... at FRENCH'S ...

RATES REDUCED

Inquire Now

ROOSEVELT HOTEL

D. R. SCOFFERN, Mgr.

—on the highway at Bonneville—

STEAM HEAT

HOT AND COLD SHOWERS

YOUR FAVORITE CIGARS, CIGARETTES AND
CANDY AT OUR COUNTER
CAFE IN CONNECTION

Horses and Buggies have had their day

... and so has lots of dairy equipment. Call on us ... at any hour of the day ... and see the MODERN EQUIPMENT USED IN OUR

TO-DATE CREAMERY.

Follow the series of facts about this important subject. Know the importance of protection for milk ... Experience the satisfaction and health that comes from using—

Arden

GRADE A
PROTECTED MILK

PROTECTED
27
WAYS