

Cottage Grove Sentinel

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Dorena Dam Visit Depicts Immensity Of Structure

By Eugene Bird

The annual visit of the Willamette Basin Commission to the Dorena Dam project May 8 highlighted the fact that the Row River project seven miles east of the Grove is more than 40 per cent completed. The center spillways are nearing completion and the form of the dam is taking shape across the valley out of Dorena.

With less than two years to go until the dam is completed, the commission was impressed with the amount of work that has been done since the visit last year.

Dorena Has Top Priority

The third and next to last of the four dams planned to trap and hold the flood waters, Dorena has top priority with the engineers and contractors who are building it.

When first seen from a distance as you drive up the new highway along the railroad that had to be relocated, the dam is a mass of concrete and steel forms surrounded by tall rock crushers and a cement mixer which is beginning to be dwarfed by the product of its labor.

The building which houses the giant automatic cement mixer towers more than five stories in the air.

Dam Creeps Up Mountain

The grey bulk of the dam is gradually creeping up the sides of the rock mountain which rises alongside the north edge of the spillways. It is being built on a solid rock foundation with heavily reinforced concrete for the mid-section housing the spillways and with rock rip-rap over clay damming the main part of the valley. The earth will be moved in after the spillways are finished.

The complicated business of building a dam was explained to the visiting commission from the vantage point of the highway above Dorena by Walter A. Schwarz, resident engineer in charge of construction.

First the highway and railroad had to be relocated from the valley floor. The contractors then moved into the valley and changed the course of the river temporarily. The spillways were then begun after preliminary work of building a campsite for the men working

on the project and building a giant cement mixing plant had been accomplished.

Mixing Plant Attractive

The mixing plant is worth a closer look. It is of more advanced design than the one used on the giant Coos Bay dam. Its five-story-high housing structure is filled with a machine capable of producing, at the flick of a switch, two yards of concrete and of dumping that concrete into huge four-yard buckets run in on rail cars below. The control room of the mixer is high above the dam's operations, and is filled, along one wall, with a machine that lights up like a pin ball machine and registers what is happening in the big mixing bowl below it.

There are seven possible combinations for this job as to composition of the concrete, and the machine can be made to mix the correct amount of cement, sand, and one or more of four grades of gravel, simply by turning a dial to the number of the mix desired.

Deadline — November 1949

The dam's civilian force is on a twenty-four hour schedule and the contractors hope to complete the entire job at least six months ahead of schedule in November 1949.

One man has been killed in a fall off the dam, a fact that is spoken of regretfully by the contractors and engineers.

Although the dam is to be smaller than the Fern Ridge project in terms of the number of acre feet held back, it will be two and one-half times as large as the Cottage Grove dam. Its center section will be 115 feet above the river bed when it is completed.

The five tunnel spillways are now being set in the middle of the dam's structure. An overflow section will be left in the center of the dam, although it will not be needed very often.

Dam to Reduce Pollution

Mr. Schwarz said that the dam would serve as a source of irrigation water and would provide some navigation besides reducing pollution in the valley by raising the level of streams below the dam. Releases would start in September and continue through the

winter, holding back only when the rivers above and below the dam hit flood stage.

Safety Factor Allowed

A twenty-five foot safety factor will be allowed at all times for emergency purposes. The normal height of the water will be 835 feet (above sea level). At low water the height will be 770 feet. The maximum height of the water will be 860 feet.

The dam will be over 300 feet from the north end to the south end.

Cadet Exams for 4th Dist. June 12

Congressman Harris Ellsworth announced today that preliminary qualifying examinations for vacancies at both the U. S. Naval and the U. S. Military Academies will be conducted by the U. S. Civil Service Commission, Monday, June 12, 1948, at the Post Office Buildings in Albany, Coos Bay, Eugene, Grants Pass, Medford, Roseburg and Reedsport.

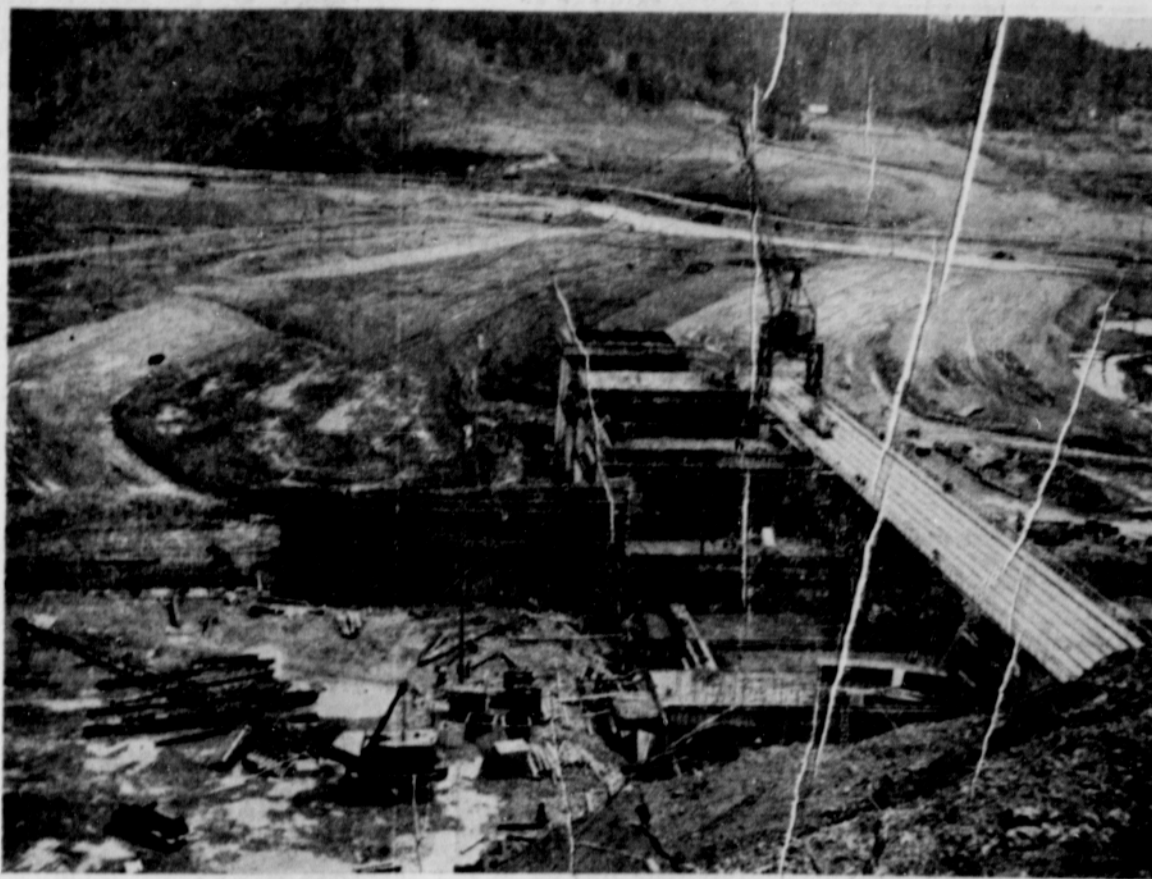
Candidates for admission must never have been married, and must be bonafide residents of the Fourth District. As of the date of entrance into the Academies, July 1, 1949, appointees for the Naval Academy and Military Academy must be 17 years of age. The maximum ages are 21 and 22 respectively except in the case of ex-servicemen who may be two years older. Servicemen within the proper age limits may compete and will be given the examination by their commanding officers.

The examination will be about 3½ hours in length and confined to vocabulary and reading, spatial relations and algebra. Nominations will be on the basis of grades earned in the examination.

Candidates desiring to compete should notify Congressman Harris Ellsworth, House Office Bldg., Washington, D. C. not later than June 1st, indicating their choice of place for examination, legal residence, and date of birth.

Wedding Announcements and Invitations. —The Sentinel.

Dam Construction Nears Half-Way Mark



Work on the Row River dam project is more than 40 per cent completed, Willamette Basin commissioners were told May 8. The dam will stretch 300 feet across the valley when construction is finished in November, 1949. (Kirk Braun Photo)

Group Formed to Boost Marketing Of Oregon Nuts

Independent Nut Packers of Oregon is the title for a new promotional organization which was incorporated under the laws of Oregon April 14 to develop new outlets for the state's filberts and walnuts, announces James C. Moore, O. S. C. assistant extension marketing specialist. Moore will serve in an advisory capacity for the new organization.

Headquarters for the group will be in Portland. Officers elected are: Harry T. Larsen, Portland, president; John J. Wilkens, Portland, vice-president; and John Karstetter, Boring, secretary-treasurer.

The organization, made up of independent nut processors, will handle about 30 per cent of Oregon's filberts and walnuts, Moore estimates. He says the primary purpose of the group will be to promote new markets for Oregon nuts.

Moore points out that most of the domestic nut output is now reaching trade channels in shell form. Through stiffened competition from foreign grown nuts since the war, markets generally have been depressed. The incorporators feel there is need for a coordinated program to assist independent growers in disposing of their nut crops.

Through a promotional program supported by assessments on a tonnage basis, members of the new organization hope to expand markets in the baking and candy industries where foreign nuts now have a dominant position. Turkey, Italy, Spain and France are important competitors on the nut markets in this country, Moore states.

Processors represented among the original incorporators are: Tigard Nut Company, Tigard; Oregon Nut Shellers, Hillsboro; Valley Nut Packing Company, Portland; Dale and Sons Incorporated, Cornelius; West Coast Fruit Company, Portland; and Karstetter, Boring.

Henry Wallace, 3rd party candidate will make seventeen speeches in the west starting at Los Angeles May 15th. He will be in Oregon two days only on May 24 and 25 and will make addresses at Portland, Salem, Corvallis and Eugene. He will address a gathering at the University of Oregon May 25th. He will talk at Oregon State College in the morning of the 25th.

Read the classified pages.

A Young Man for COUNTY CLERK



Veteran Stanley Hansen Republican

Paid Adv.

Big Game Salting Nears Completion

The spring salting operations of big game ranges by Oregon State Game Commission district agents is nearing completion. Between ten and eleven tons of salt are being distributed this season over the ranges of eastern and southwestern Oregon. The salt, in fifty pound blocks, is being set out by the use of aeroplanes, pick-up trucks and pack horses.

All salting stations being set out have been approved by the Forest Service or other land administrative departments. This is done so that the work will not interfere with established stock salting programs.

The Game Commission conducts its salting operations for several purposes. In some places it provides necessary minerals to big

game diets. By the location of these stations it is also possible at times to induce earlier migrations of big game from problem winter ranges and make for a more uniform use of forage on crowded summer and winter ranges. By encouraging a more widespread use of range in this manner game and livestock competition can be reduced. In some instances it is also possible to lessen game damage to crops by drawing the animals away from the problem areas.

In the coastal sections of the state some small experimental salting stations are being operated, although so far it has been difficult to get big game animals to use the salt in this part of the state.

Robert Mace, Chief Biologist for big game, stated that salt is proving to be a relatively inexpensive but very effective management tool for big game animals.

Shriner 49-er — Sat., at Armory.

HUMORETTES by Woodson Wicks



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