



PETRIFIED STUMPS are as much a part of opal hunting as the trip itself. Here Elsie and Donna Kettler pick over a who-knows-how-old stump in search of opalized wood to add to their collection.



THE SHAFT ITSELF at the Rainbow Ridge mine is about a thousand feet in length at the present time. Tours of the shaft are usually available from owner Keith Hodson. The shoring is native timber.

Well Registration To End In Oregon

Friday, August 1, will be the last day that well registrations can be filed, Lewis A. Stanley, state engineer, announced today in Salem. That will be the end of the three year period provided by the 1955 Legislature for well owners to register their wells. Failure of any person to register his well by the August 1 deadline will deprive him of his right to continued use of ground water from his well.

Stanley pointed out, however, that certain uses of ground water are exempt from registration. The exempted uses are (1) ground water used for stock water, (2) ground water used for watering any lawn or non-commercial garden not exceeding one-half acre in area, (3) ground water used for single or group domestic purposes in an amount not exceeding 15,000 gallons per day, and (4) ground water used for any single industrial or commercial purpose in an amount not exceeding 5,000 gallons per day. Claims for uses specifically exempted in the statutes cannot be registered.

To be subject to registration, a well in Western Oregon must have been constructed on or be-

fore August 3, 1955. This is the date that the Ground Water Act of 1955 became effective. In Eastern Oregon, wells must have been constructed on or before May 28, 1927 for there has been ground water legislation governing the construction of wells east of the Cascade Divide since that time. Wells for non-exempted uses that have been constructed subsequent to these effective dates without benefit of a permit issued by the state engineer to appropriate ground water are unlawful wells and are not subject to registration. Owners or operators of wells that are used in unlawful appropriation of ground water should make application to the state engineer for a permit to appropriate ground water. The priority for a water right obtained by a permit is based on the date the application for a permit is filed with the state engineer. A right to appropriate ground water under a registration has a tentative priority based on the date when construction of the well was begun.

Forms and information regarding well registration or permits to appropriate ground water can be obtained by writing to Lewis A.

Stanley, State Engineer, Salem, Oregon.

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Oregon Purebred Sheep Breeders Plan First Annual Show In Fall

The first annual Oregon Purebred Sheep Breeders Bred Ewe Sale, featuring 200 top quality bred ewes, has been scheduled for Saturday, November 15 at the Polk County Fairgrounds at Rickreall, Oregon.

The sale committee, composed of Eldon Riddell, Independence, chairman; Don Kessi, Harlan; and C. W. Bernards, McMinnville stated that consignments include 30 Suffolk, 25 Columbia, 20 Romney, 35 Hampshire, 10 Dorset, 10 Lincoln, 10 Cheviot, and 10 Southdown yearling and 2-year-old bred ewes.

In addition, the Oregon Purebred Shropshire breeders will include 60 top quality purebred Shropshire sheep, which will include 20 lambs, 20 bred yearlings, and 20 bred ewes.

Doug Chambers of Salem stated the special Shropshire sale, which will be held as a part of the bred ewe sale, is an effort on the part of Oregon Purebred Shropshire breeders to raise funds to assist in promoting the national Shropshire show, which will be held at the 1959 Pacific International Livestock Exposition in Portland. Shropshire breeders will donate 25 per cent of the net proceeds toward this effort.

The Oregon Purebred Sheep breeders will be offering top quality bred ewes at this sale, which will be an excellent opportunity for purebred sheepmen to select breeding stock. Four-H Club and

FFA members will find this sale an excellent opportunity to select top quality breeding stock for their project, Riddell stated.

The Oregon Purebred Sheep breeders will maintain the high quality offerings that have been similar to those sold at the Albany Ram Sale and the top quality sheep that have been consigned to California sales during past years. Consignments to the sale are still open to purebred breeders, Riddell stated. Breeders who wish to enter bred ewes may contact N. John Hansen, Polk County extension agent, Box 348, Dallas, Oregon, who will serve as secretary of the sale.

General regulations for consignors include: All animals consigned must be registered and registration transfer will be made at the time of sale. A sifting committee will pass on the soundness of each entry. The consignor will guarantee that the ewes have been exposed to the ram at least 60 days prior to sale and that the breeders' knowledge is safely settled.



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JULY 6

Family Weekly

In The

SUNDAY

Herald and News

Lodgepole Pine Introduced In Willamette Valley Test

Lodgepole pine may soon be growing on Willamette Valley foothill sites that are now unable to support other commercial forest plantings, predicts an Oregon State College forestry researcher.

Lodgepole pine from east of the Cascades and Oregon's coastal belt has had more than 90 per cent survival rate in OSC tests on Willamette Valley foothills, reports George Barnes, professor of forest management. Tests were conducted on foothill sites where Douglas fir cannot survive.

Lodgepole can grow under all kinds of soil and moisture conditions, the forester says, and may even find use as an advance guard for Douglas fir on poor sites. Pine root penetration into dense clay subsoils of some sites may clear the way for Douglas fir survival.

Foresters believe the main economic opportunity for lodgepole pine in the interior valleys may be for the Christmas tree trade. Lodgepole is small in comparison with the ponderosa pine or Douglas fir. It is now found at low elevations on the Pacific shore and

at higher elevations — up to 5,000 feet — east of the Cascades.

The shore pine develops a larger stem and dense green foliage, while eastern Oregon stock has narrow stems and thin yellowish-green foliage. Five years after planting in the valley foothills, lodgepole has reached heights of five to seven feet. Barnes says ultimate size of lodgepole in the valley is unknown.

Douglas fir will undoubtedly continue as the favored Christmas tree species, but Barnes believes some of the pines may find ready market acceptance, particularly in the luxury trade where cultured trees and flocking treatments can bring premium prices. Lodgepole responds readily to culturing practices for "bushed out" branches through clipping and shearing.

Lodgepole pine's future for wood production is not clear. Away from the heavy coastal winds, great improvements can be expected in shore pine form. While shore pine is presently more luxuriant than the eastern Oregon variety, the latter may finally prove superior in form, growth rate, and maximum size, Barnes says.

Spud Grade Ruling Made

When potatoes are advertised for sale in Oregon, by newspapers, handbills, highway signs or any other advertising medium, the grade of the potatoes must be stated.

The State Department of Agriculture calls attention to this portion of the Oregon potato law because some markets and grocery stores are advertising new potatoes without giving the grade.

In addition, all closed containers of potatoes are required to be labeled with the grade of the potatoes in the container, the name and address or registered brand of the grower or packer and the net weight.

Potatoes in open bags or bulk displays are not required to be labeled providing they have been taken from correctly labeled containers by the retailers.

Penalties are provided for infractions of the Oregon potato law, the department adds.

Hugh Taylor, assistant plant industry division chief for the department, stated that most markets and groceries cooperate excellently with this phase of the law.

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