

Charting Faults Protective Step With Temblors

Oregon State College—Earthquakes, like the weather, might seem to be something man talks about but can't do anything about. On the contrary, Dr. E. L. Packard, head of the geology department here, says something very important can be done about them here in the Pacific northwest.

Dr. Packard, as the only Oregon collaborator in seismology with the U. S. coast and geologic survey, is busy since the recent quake gathering all the facts possible from observers to help fill in the meager records of the few seismographs in the area. The only one between California and Washington is a homemade one here at O. S. C.

"More facts regarding earth faults, the source of earthquakes, are badly needed in connection with the future development of the Pacific northwest," Dr. Packard explains. "All the seismograph records in the world won't stop quakes from happening, but they can tell us in advance where they are most likely to happen. If we can get enough records over long enough periods of time—including records of slight tremors not felt by man, we can chart the fault lines in the region. Then the most dangerous areas can be avoided in building dams or other structures or in establishing waterworks. We now have little accurate information even about the major earth fault in the Puget Sound basin."

Dr. Packard said at least two seismographs are needed in Oregon, one east of the Cascades and one west. For the past two years he and members of the physics department here have been working with seismologists from the University of California and the U. S. Geologic survey to locate these to the best advantage.

The plan agreed upon is to place the present O. S. C. instrument at the Eastern Oregon College of Education at La Grande, then locate a Class A seismograph at a new site already tested on college land a few miles northwest of the campus where the formation is much more suitable than that of the present campus site. Carrying out of the plan has been held up awaiting funds for a small structure needed at the new site.

Total farm output for 1948 set the sixth new high record in nine years.

Realty Transfers

Deeds, April 8

Ray M. Rogers et ux to Wayne Fisk et ux, N. 10 feet, lot 8, all 9, and S. 17 feet, lot 10, block 7, Mountain View.

Daisie S. Daum et vir to Ira L. Noyes et ux, E 1/2 SW NWSW 3 NESE 4, 17, 18.

Marguerite A. Franklin to Edward R. Franklin, lots 11, 12, block 13, Mountain View.

Marguerite Baceller to Adam Repnock et ux, tract 8, wells tracts, in SE corner SENW 17, 17, 12.

James Blain Gammon et ux to T. R. Clary et ux, part N 1/2 SESW 3, 15, 10.

Charles Watson et ux to T. R. Clary et ux, part N 1/2 SESW 4, 15, 10.

James J. McArdle et ux to Floyd C. Whitehead et ux, lots 1, 2, 3, block 42, Riverside.

Anton Dahl et ux to Floyd Maddy, lots 3, 4, block 4, Deschutes.

Mortgages, April 8

Ira L. Noyes et ux to Oscar Franz et ux, E 1/2 SW NWSW 3 NESE 4, 17, 12.

Deschutes Federal savings and loan to Glen C. Isnam et ux, lot 17, block 13, Highland.

Glen C. Isnam et ux to Deschutes Federal savings and loan, lot 17, block 13, Highland.

Mortgage Releases, April 8

Equitable Savings and loan to R. E. Lynds et ux.

Deschutes Federal savings and loan to Lotte G. Montgomery, lots 9, 10, block 41, NWTs, second addition.

M. J. Atkins to Kenneth Jackson et ux, lots 10, 11, Jefferson View.

Pacific First Federal savings and loan to Carl Ellsworth Stewart et ux.

Deeds, April 9

Melvin H. Amsberry et ux to Hugh M. Amsberry et ux, lot 9, S. 5 feet 8, block 47, Redmond.

Deeds, April 11

Mike D. Keppers et ux to Leo J. Keppers et ux, lot 11, block 8, Deschutes.

Axel H. Anderson et ux to Charles C. Watters et ux, N 1/2 NE 8, 15, 13.

Charles C. Watters et ux to Axel H. Anderson et ux, SESW 15, 15, 13.

Ivan Parks et ux to William B. Shelley et ux, E 1/2 SW 8, 18, 14.

Johnnie Henderson et ux to W. B. Galligan et ux, N 1/2 of W. 54.94 feet, lot 4, block 6, Mountain View.

Tony R. Coy et ux to Frank Z. Leon et ux, lot 8, 9, 10, block 19, Riverside.

Clarence Phelps et ux to Olaf Leagheld et ux, lots 1, 6, block 24, Westoria.

City of Bend to Alvin E. Sampsel, lot 5, block 24, Westoria.

Central Oregon Irrigation district to Jack Shumway, NENW 12, 12, 12.

Mortgages, April 11

William Ivan Akin et ux to

Deschutes Federal savings and loan, lots 3 and 4, block 78, Bend park.

Rex L. Hanshaw et ux to U. S. National bank, lots 5, 6, 7, 8, block 2, Ellis subdivision.

Mortgage Releases, April 11

Deschutes Federal savings and loan to William Ivan Akin et ux, lots 3 and 4, block 78, Bend park.

Deschutes County municipal improvement district to James Whitlock et ux, SWNE 25, 15, 11.

Deeds, April 12

L. Robert Hutchins et ux to J. O. Houk, part lot 5, Fair Acres.

Deschutes county to City of Bend, lot 1, block 155, second addition, Bend park.

Thelma Alfrey to Forrest Alfrey, lots 1, 2, block 18, Center.

Oliver A. Reiter et vir to Loyde Blakley et ux, lot 6, block 2, Finelyn Park.

Adam Repnock et ux to Melvin E. Schallhorn et ux, tract 8, Wells tract in SE corner of SENW 27, 17, 12.

Mortgages, April 12

Clarence E. Bush et ux to U. S. National bank, lot 10, block 4, Staats.

Jack Shumway et ux to Federal Land bank, lands in 17-14, 19-14, 20-14.

Clyde L. Jackson to Deschutes Federal savings and loan, lots 7, 8, block 6, Mill.

Melvin E. Schallhorn et ux to Adam Repnock et ux, tract 8, Wells tracts in SE corner of SENW 27, 16, 12.

Mortgage Releases, April 12

Gilbert K. Long to Rodney Rosebrook et ux.

U. S. National bank to Clarence E. Bush et ux, lot 10, block 4, Staats.

George M. Cooley et ux to L. Robert Hutchins et ux partial release mortgage.

Deeds, April 13

Homer Wood et ux to E. E. Hoffman et ux, E. 7 feet of S. 65 feet lot 17, W. 100 feet, S. 85 feet, lot 18, South Moreland Acres.

John A. Dudley et ux to Arthur J. Faria et ux, part tract 13, 14, Reed Highway, Section 2.

Mortgages, April 13

Cleve Eugene Clapp to State of Oregon, part SWSW 21, 15, 13.

Gayle Bartel et ux to U. S. National bank, part lots 1, 2, 3, block 10, Ellingers.

Arthur J. Faria et ux to U. S. National bank, part tract 13, 14, Reed Hl. sec. 2.

Deeds, April 14

Hudson Investment company to City of Bend, part NENW 4, 18, 12.

Fred L. Howe to Bernyce Russell et vir, lots 1 2, block 7, Bend View.

Richard Moorman et ux to James L. Thomas et ux, lots 6, 7, Jefferson View.

Hooper B. Dyer et ux to Central Oregon Broadcasting company, part SENW 28, 17, 12.

Mortgages, April 14

R. E. Lynds et ux to Mabel C. Rennolds, lot 2, NWSE 2, 16, 12, N 1/2 Np 23, SWSW 15, 14, 9, ex-

See City Manager, Citizens Advised

The city commission would like to end its meetings before 12 or 1 o'clock at night, and would appreciate it very much if Bend citizens would take up their problems directly with the department heads involved, rather than presenting their cases to the commission.

Mayor T. D. Sexton made this statement at last night's commission meeting, adding that City manager W. O. Cuthbertson would be glad to meet all persons who have civic problems for discussion.

Cuthbertson affirmed the suggestion, explaining that if he were unable to give satisfaction to complaints or provide the desired answers, citizens then could take their cases directly to the commission.

cept part NENE 22.

Frank Chapman et ux to First National bank, lot 4, block 19, Center.

Mortgage Releases, April 14

First National bank to William H. Harris et al.

U. S. National bank to Melvin H. Amsberry et ux, lot 9, S. 10 feet 8, block 47, Redmond.

Equitable Savings and loan to Frank Chapman et ux, lot 4, block 19, Center.

TOO MANY CHICKS

Glen Allan, Miss. (AP) — Postmaster Otis Johnson called a special auction when a Cullman, Ala., hatchery made a mistake in a shipment of chicks. A tenant

Soviet MG Head



Gen. Vassily I. Chukov, above, veteran of the Russian civil war and one of the heroes of the Battle of Stalingrad, succeeds Marshal Vassily Sokolovsky as Soviet military governor in Germany. Sokolovsky was named first deputy minister of the Soviet armed forces.

farmer, Dave Stewart, had ordered 100 biddies. Instead, the hatchery sent crates containing 1,000.

Geology Club Plans Field Trip

Deschutes Geology club members plan their second field trip of the season Sunday, with leaf beds north of Crooked river, in the Smith rocks and Gray butte areas, to be their objective. The group will meet in front of the Bend postoffice at 9 o'clock Sunday morning. Persons joining on the field trip are being asked to bring their lunches. Coffee will be provided by the club.

In the Gray butte-Smith rocks area are leaves which, geologists say, are representative of a dawn-age forest. The aged rocks yield impressions of sequoia leaves.

Fermate is a fungicide whose active ingredient is ferric dimethyldithiocarbamate.

Official Records

Marriage Licenses

Marriage licenses have been issued to Norman L. Wells and E. Patricia Corliss, both of Bend; Robert F. LeBlanc and Hazel C. Birchard, also Bend, and Glen D. Humbert, Beno, and Duveen P. Noble, Onalaska, according to records of County clerk Helen Dacey. The records also show that Dotson T. Merritt has filed the assumed business name "Hill's Auto Shop."

Circuit Court

A suit has been filed in circuit court by William N. Jones against Paul Piper, for damages amounting to \$283.22. In his complaint Jones states that the sum is owed him by Piper from the sale of an automobile.

Bulletin Classifieds Bring Results

New Orleans has to pump rain water out of the city; much of the city lies below the high-water levels of the Mississippi river and Lake Montchartrain, and is even below high-tide levels of the Gulf of Mexico.

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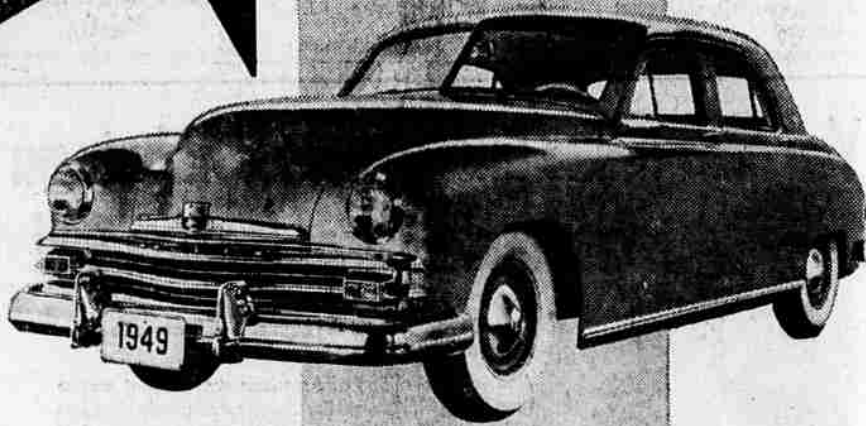


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car 5	2195.00	121"	9'4 1/4"	7.02-to-1
car 6	2243.00	121"	9'4 1/4"	7.02-to-1
car 7	2265.00	119 1/4"	9'10 1/4"	7.25-to-1
car 8	2275.00	120"	8'10 1/4"	7.0-to-1
car 9	2396.00	119 1/4"	9'10 1/4"	7.25-to-1
car 10	2489.00	121"	9'3 1/4"	7.02-to-1
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car 12	2574.50	121"	9'	7.0-to-1

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