

PHASES OF INDUSTRIAL GROWTH IN THE PACIFIC NORTH WEST

KLAMATH PROJECT WELL UNDER WAY

Government Will Advance the Work at Great Cost During Present Year.

TO TAKE UP TWO ITEMS

Construction of the Clear Lake Dam and the South Branch Canal Will Receive Immediate Attention.

Rich in fertile land, streams, lakes and surrounded by mountains, the Klamath basin of Oregon has heretofore remained isolated and almost unknown. Now it is to be thrown open to the farmer, the lumberman, the fruitgrower and the rancher, partly by the irrigation work carried out by the Government and partly by the coming of rail transportation.

The United States Government is carrying out plans to reclaim and irrigate 260,000 acres in the Klamath region. One of the main canals has been completed, and water was made available for several thousand acres last year. The Government's work is divided into two projects, one drawing its water supply from Upper Klamath Lake, the largest navigable body of fresh water in the West. The lay of the land is such that water from this lake can be distributed over a large area by gravity. Clear Lake, in California, will be made a reservoir for supplying the remainder of the territory. All told, the Government's work represents an expenditure of several million dollars, and this investment is placed at the disposal of home seekers already flocking to the rich lands of Southern Oregon.

Landowners Must Act.

The Government proposes to spend several hundred thousand dollars in construction work during the present year. The principal item which is under consideration for immediate construction is the Clear Lake dam, which will raise the waters of Clear Lake about 25 feet above their present level and provide storage sufficient to cover 200,000 acres with water one foot deep. The immediate construction of this reservoir is dependent, however, on the action of the land owners in Linnell and Yonina Valleys, which constitute what is known as the upper project. The Government has stipulated that before this construction is commenced, a sufficient proportion of the lands in these valleys shall be signed up under the Government project.

The other chief work to be undertaken during the year is the building of the south branch canal, which leaves the already constructed main canal about two miles west of Oke Gap, and follows a westerly course toward the town of Merrill. This canal when completed will add some 30,000 acres of irrigable land to the project. Its construction has already been authorized.

The work involves a long and expensive aqueduct across the Lost River Valley, where the water for some two miles must be carried at heights varying from 10 to 25 feet above the ordinary ground level. It is proposed to accomplish this work by means of a massive earth embankment, carrying a water channel lined with masonry and in part by a heavy timber flume. Contracts for the construction of the flume are now being advertised, and builders of this class of work are being urged to communicate with the office of the Reclamation Service at Klamath Falls, Oregon, by submitting bids for this part of the work.

Supply Water Power.

During the past season the Government has been conducting a survey of the vicinity of Klamath Falls, called the Keno Canal, which will carry water to some 2000 acres between the towns of Klamath Falls and Keno, and also supply power for certain mills whose water rights have been acquired for the use of the Government. It is also intended to develop power at this point for pumping purposes. This work at the present time about two-thirds completed.

Without the railroad all this work would count for nothing, for the Southern Pacific is rapidly building northward from Weed station on the Shasta route directly to the town of Klamath Falls. This year will see the completion of the entire route, which is already in operation. To meet this line at Klamath Falls, Harriman engineers are also at work on a line that will run from Natron, Oregon, northward. Together these two lines will form a new route of much more favorable grades than the present line between California and Oregon.

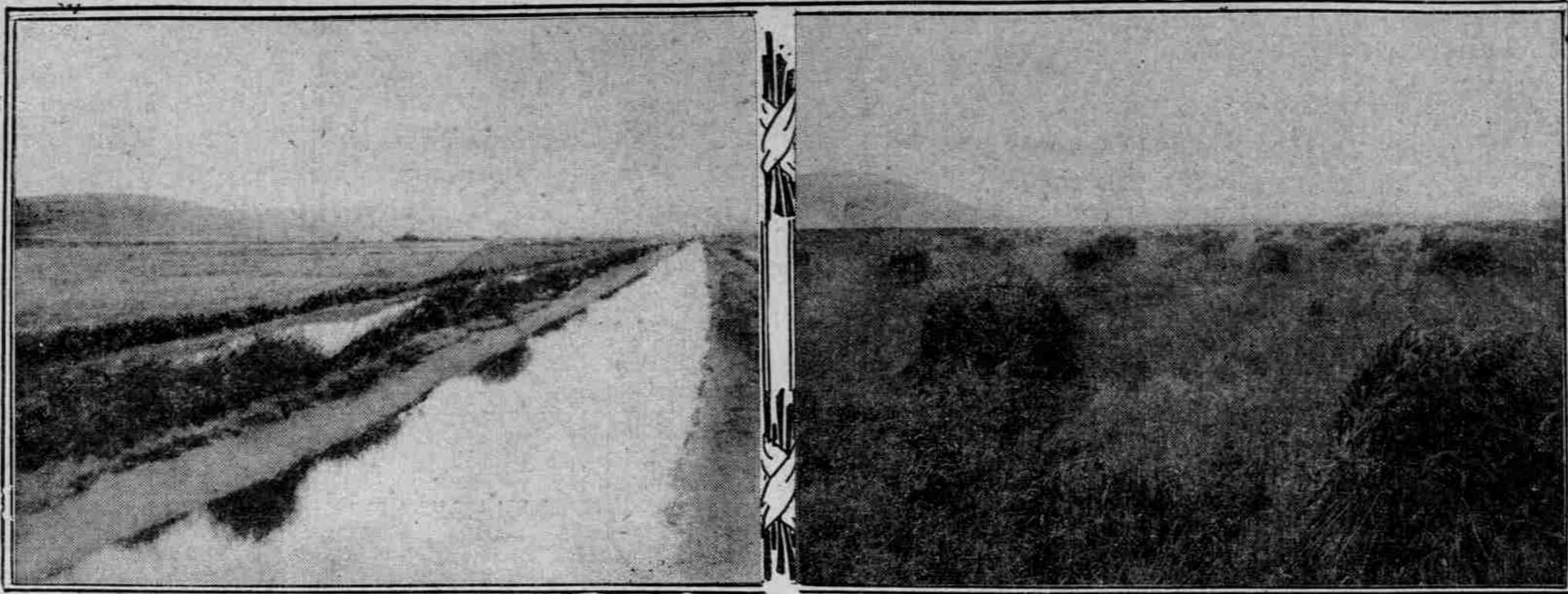
Soil of Great Fertility.

The soil of this region is chiefly a rich, sandy loam, of lasting fertility. It appears to be a mixture of disintegrated lava, volcanic ash and earth. The lake and marsh lands soon to be reclaimed are composed of volcanic material and the decomposed vegetable accumulations of ages. There is no more productive soil in the world. Vegetables, all cereals except corn, sugar beets, alfalfa and fruit of all kinds are raised abundantly on these lands. For these crops, as well as for the cattle, the sheep and the timber, the railroad opens the way to the markets not only of the Coast, but of the whole country.

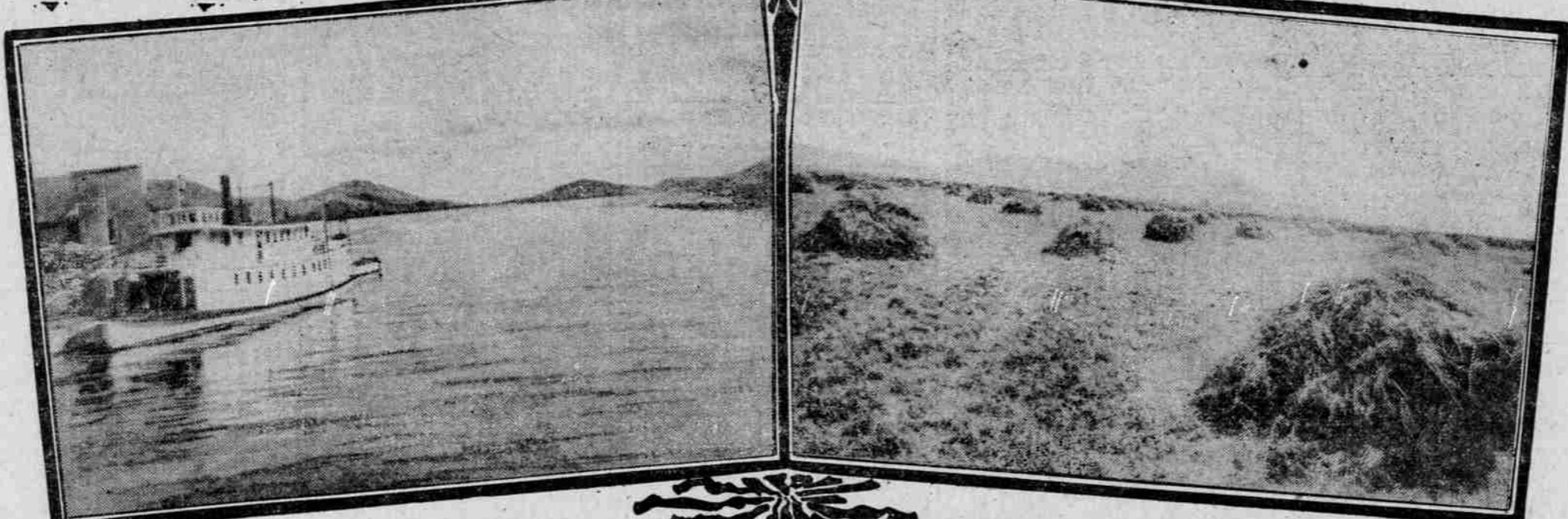
At present there is no Government land open for settlement, and there will not be any until the lower lakes are reclaimed. In the meantime the Government is furnishing water for privately owned land which the owner must supply by his holdings. This is done simply by the refusal to furnish water to non-residents, or to sell more than enough to any one man to irrigate more than 100 acres, the Government forcing the subdivision of the farming area into small holdings.

Co-operative Creamery Prospers.

TILLAMOOK, Or., Jan. 18.—(Special).—Carl Haberlach, secretary of the Fairview Dairy Association, has submitted his annual report of this co-operative creamery for 1907. It shows that the



IRRIGATION DITCH, KLAMATH FALLS, OR.



LOWER KLAMATH LAKE

amount of milk received at this factory during the year was 2,445,531 pounds, as follows: January, 23,906 pounds; February, 18,708 pounds; March, 85,055 pounds; April, 233,492 pounds; May, 319,092 pounds; June, 461,097 pounds; July, 434,217 pounds; August, 288,143 pounds; September, 210,759 pounds; October, 191,854 pounds; November, 121,317 pounds; December, 38,833 pounds. The amount of butter fat in milk, 97,681.01 pounds, an average test of .03202 per cent. The amount of cheese manufactured was 27,488 pounds. Returns estimating December cheese, \$37,306.53. The amount paid patrons, estimating December was \$13,294.18.

STONE FOR EUGENE CHURCH

Presbyterians Erecting Edifice That Will Cost \$18,000.

EUGENE, Or., Jan. 19.—(Special).—The contract for the stone work of the stone Presbyterian church building to be erected on a lot at Tenth and Pearl streets has been let to the Oregon Construction Company of Eugene. It is expected that the building will be completed in June. The woodwork is being rapidly pushed and is now ready for the first courses of stone.

The stone to be used is from the Eaton quarry in Fairmount. It is a sandstone of fine quality and has been satisfactorily tested at the Government testing station. It is a bluish-gray stone, which cuts easily and is to be put into the building in the broken ashlar form.

The building committee, of which Dr. O. B. DeBarr is chairman, reports that there will probably be no interruption in the work of construction until the building is completed. The cost will be approximately \$18,000.

CLUB EXPLOITS GRANTS PASS

Many Industries Attracted as Result of Its Work.

GRANTS PASS, Or., Jan. 19.—(Special).—At a meeting of the Grants Pass Commercial Club just held, the secretary submitted his quarterly report showing that about 3000 letters containing inquiries about Josephine County were received during the past year. The average attendance at club meetings was slightly below 40. The register in the club-room shows that 1500 persons have visited the exhibit room the past 12 months. Since the organization of the club, it has been effective in securing outside capital and factories for this county. Among others brought here are a box factory, planing mill, vinegar and spray factory and cannery. The company that owns the cannery is ready to contract for this year's tomato crop, which it is expected will be about 10,000 cases. Besides tomatoes the company will pack pears, apples, and all varieties of small fruit.

SHINGLE FACTORY FOR ELMA

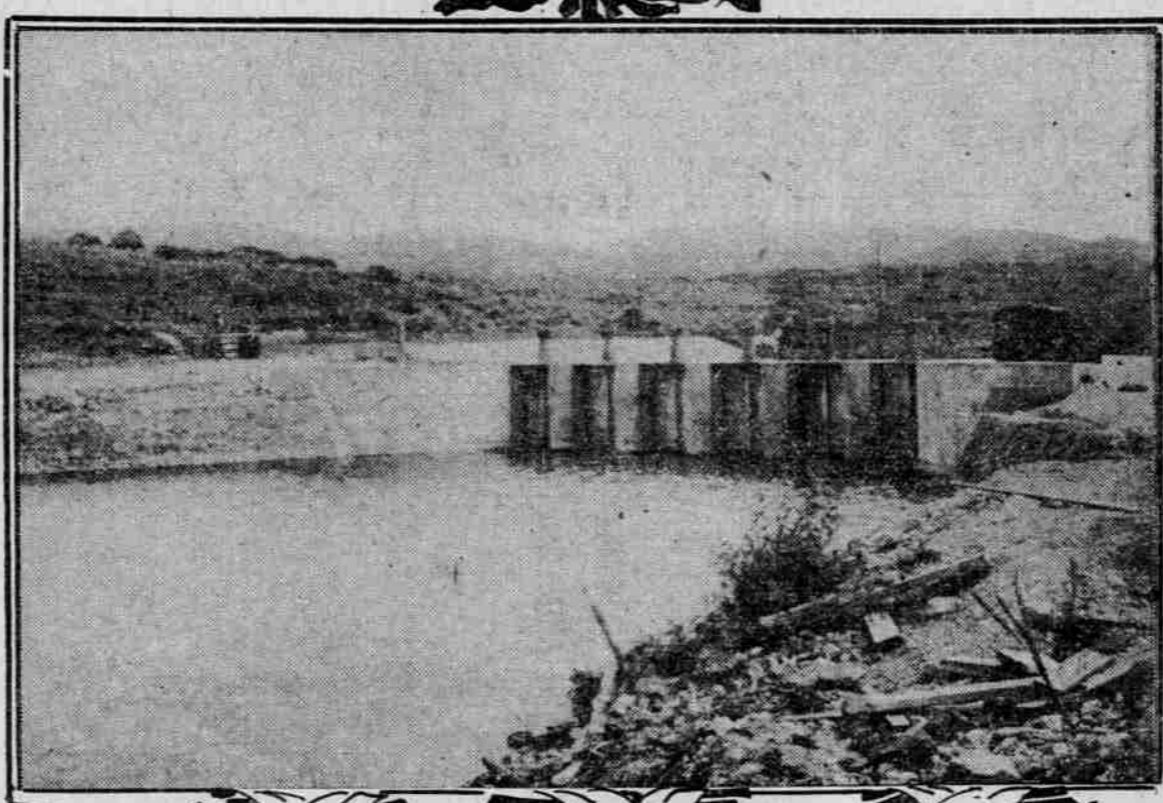
Large Mill Will Begin Operations Today.

ELMA, Wash., Jan. 19.—(Special).—The new mill of the Mack Shingle Company will start operations tomorrow morning. The mill is located about three miles west of Elma on Mack's Spur. Its capacity will be 150,000 shingles a day. The cedar to supply the mill will come from the logging camps of the S. E. Slade Lumber Company. The fir logs are sent to the mills at Grays Harbor to be manufactured into lumber and the cedar logs will be cut into shingles at the new mill.

This will be another important industry tributary to Elma, as there is sufficient timber to supply the mill for the next 15 years.

Artesian Wells in Harney.

BURNS, Or., Jan. 19.—(Special).—



INTAKE OF THE KLAMATH IRRIGATION CANAL

John M. Taylor, who has a crew engaged in boring wells in the Wild Horse Valley, south of Andrews, in this county, after three days' work has struck a generous artesian flow that comes above the ground and makes a good flowing well. It is known that all the valleys of Harney County are underlain with a strong artesian supply found at various depths. Wild Horse Valley is the eastern place in the county in which to secure the artesian flow. There are several well-drilling outfits working at different points in the county this winter and all are meeting with good results.

DEVELOP FINE WATER POWER

Elma's Steam Plant is Abandoned for Improved Service.

ELMA, Wash., Jan. 19.—(Special).—The Elma Light & Power Company furnished light this week for the first time from

its new water power plant on Cloquallum Creek, about three miles from Elma. While the service was not continuous, as the plant has not been thoroughly adjusted, it was satisfactory, and indicated that the plant is a complete success.

The voltage of the new plant will be double that of the old steam generator, and with the installation of one or more water wheels for which there is plenty of power, electric light and power can be obtained for a city many times the size of Elma. It has been costing the company about \$300 a month for fuel to run the old plant, all of which will be saved by utilizing the water power.

The owners of the system are Charles P. Allison and George A. Avery, of this city. They came to Elma about three years ago from Olympia and secured a franchise. They have installed lights in the business houses and residences of Elma, as well as furnished street lights.

Will Plant 40 Acres of Peas.

GARFIELD, Wash., Jan. 19.—John

Goss, pioneer seedgrower of the Palouse country, reports that the scarcity of labor and high wages the past year cut down profits on seed here to about \$6 an acre. The coming Spring he will plant 40 acres of seed peas and expects better returns.

REGULATE LIQUOR TRAFFIC

Troutdale's Town Council Advocates Reforms.

The new Council of Troutdale has organized and last week, at the first meeting, Mayor Aaron Fox submitted a message advocating a system of licenses sufficient to meet current expenses without levying a special tax. He recommended the passage of an ordinance placing greater restrictions on the saloon business, especially in regard to the sale of liquor to common drunkards. He also recommended an occupation tax. Councilman C. P. Brooks introduced an ordinance providing that saloons shall remove all screens and curtains from their doors. This ordinance also provides that a saloonkeeper who sells liquor to a person in the habit of becoming intoxicated shall be liable to prosecution. This ordinance was taken under consideration.

E. G. Bowen, the town marshal, tendered his resignation because the Council voted that he should act both as town marshal and night watchman. E. Coleman was appointed to fill the vacancy.

The new town officers are: Mayor, Aaron Fox; Marshal, E. Coleman; Councilmen, C. P. Brooks, D. E. Griffith, I. H. Hampshire, B. C. Larsen, F. Portello and W. Sutherland; Recorder, J. H. Hoyt; Treasurer, S. S. Logan.

Both the Treasurer and Recorder filed their bonds at the opening meeting.

HALF PRICE—KISER CALENDARS.

10c up while they last. 248 Alder.

Both the Treasurer and Recorder filed their bonds at the opening meeting.

STARTS FIRST GENERATOR

Mount Hood Railway Company's Power Plant in Use.

The Mount Hood Railway Company has set in motion the first generator at its Bull Run power plant. The power thus generated will be used to run sawmills, planers, mixers and drills and furnish light for construction work. Water from Deer Creek, with a 650-foot fall, operates the generator. At Bull Run the erection of the big generator machinery will be in progress. The company will be in position to supply light in Gresham within nine months.

During the week the Mason Construction Company moved its stock of goods to its new warehouse on the line of the Cedarville-Troutdale extension of the Oregon Water Power line, where it is crossed by the Mount Hood line. A side track has been put in and some grading and other work done at this point. It is announced that from this junction machinery will be sent to Bull Run. Several new surveys have been made near Rockwood and there is a choice between three routes. From all indications the company is making preparations to push the construction on the railway and power plant this Spring.

The company is gradually securing rights of way over lands for which the owners have been asking high prices. At Lusted's hill the owner of three acres wanted by the company asked \$2000, but the jury gave him only \$500. At Gresham, where the company wanted 3.28 acres, an owner asked \$2700 and was awarded \$800.

NEW DEPARTURE

The cost of interments has been greatly reduced by the Holman Undertaking Company.

Heretofore it has been the custom of funeral directors to make charges for incidentals connected with a funeral. The Edward Holman Undertaking Company, the leading funeral directors of Portland, has departed from that custom. When called to furnish a service we make no extra charges for embalming, hearse to cemetery, outside box or any services that may be required of us, except clothing, casket and carriages, thus effecting a saving of \$5 to \$75 on each funeral.

THE EDWARD HOLMAN UNDERTAKING CO., 229 Third st., cor. Salmon.

FINE ENTRIES AT STATE GOAT SHOW

Annual Exhibit at Dallas Brings Out Best of Registered Stock.

PRIZES IN ALL CLASSES

Breeders of Blooded Goats Demonstrate to Large Crowds Progress That the Industry is Making Throughout Western Oregon.

DALLAS, Or., Jan. 19.—(Special).—The ninth annual Angora Goat Show for Oregon closed a successful three days' session in Dallas Friday night. Nearly 150 animals were entered, mostly of registered stock. No cash prizes were offered in the unregistered classes, and these entries were comparatively few in consequence. Several pens of thoroughbred Cotswold sheep were entered from the Koser farm, near Rickreuz, and the Gilliams farm, near Monmouth, and two pens of Lincoln were exhibited by C. L. Hawley, of McCoy. Several fine Berkshire and Poland China swine were also on exhibition.

Great Interest in Show.

Record crowds were in attendance during the entire show, representing the stockbreeding center throughout the entire Northwest. Special trains were run from various points around Dallas, on the last day of the show, bringing in fully twice as large a throng of people as had attended the two days previous. Farmers, stockraisers, agents for fabric companies, representatives of magazines, newspapers, farm periodicals and trade journals, and others interested in the breeding of fine stock and the production of choice mohair, were in attendance.

The judges in the registered class were: G. T. Boothby, of Monmouth; M. M. Nickell, of Madrasville; and E. E. Zysant, of Thomas. The judges in the unregistered class were: E. S. Naylor, of Forest Grove, and Evan Evans and J. I. Reasner, of Dallas.

The prize awards in the registered class were as follows:

Registered Class Awards.

Doe kids, born before March 15, 1907—First, W. A. Ayres, of Dallas; second, S. E. Guthrie, of Dallas; third, U. S. Grant, of Dallas.

Doe kids, born after March 15, 1907—First, W. A. Ayres, of Dallas; second, S. E. Guthrie, of Dallas; third, U. S. Grant, of Dallas.

Does, 1 year old—First, W. A. Ayres, second, S. E. Guthrie, third, U. S. Grant.

Does, 2 years old—First, second and third, E. L. Naylor, of Forest Grove.

Does, 3 years old—First, E. S. Naylor; second, W. A. Ayres; third, U. S. Grant.

Does, 4 years old and over—First, E. S. Naylor; second, W. A. Ayres; third, Mrs. W. J. Farley, of Dallas.

Sweepstakes doe—E. S. Naylor.

Buck kids, born before March 15, 1907—First, S. E. Guthrie; second, U. S. Grant; third, Morris Hughes, of Dallas.

Buck kids, born after March 15, 1907—First, U. S. Grant; second and third, S. E. Guthrie.

Buck one year old—First, G. W. McBee.

Buck, two years old—First, E. S. Naylor; second, W. D. Gilliam, of Dallas.

Buck, 3 years old—First, W. A. Ayres.

In the unregistered class.

Doe kids, born before March 15, 1907—First, second and third, A. Guthrie, of Dallas; third, G. W. McBee.

Doe kids, born after March 15, 1907—First and third, S. A. Guthrie; second, G. W. McBee.

Does, one year old—First and second, S. A. Guthrie, third, Sullivan Brothers, of Monmouth.

All prizes on does 2, 3 and 4 years old and the sweepstakes won by S. A. Guthrie.

Buck kids, born before March 15, 1907—First, J. J. McBee, of Dallas; second, G. W. McBee.

Buck kids, born after March 15, 1907—First, S. A. Guthrie; second, Sullivan Brothers; third, G. W. McBee.

Sweepstakes buck—J. J. McBee.

The highest prize-winners in the registered class were W. A. Ayres and S. E. Guthrie, of Dallas, and E. S. Naylor, of Forest Grove. The largest winners in the grade class were S. A. Guthrie and G. W. McBee, both of Dallas.

The cost of interments has been greatly reduced by the Holman Undertaking Company. Heretofore it has been the custom of funeral directors to make charges for incidentals connected with a funeral. The Edward Holman Undertaking Company, the leading funeral directors of Portland, has departed from that custom. When called to furnish a service we make no extra charges for embalming, hearse to cemetery, outside box or any services that may be required of us, except clothing, casket and carriages, thus effecting a saving of \$5 to \$75 on each funeral.