

MODEL DAIRY FARM SUCCESSFUL HOBBY PORTLAND BANKER

ments With Advanced
Methods Result
Successfully.

THROUGH

Lockley.
H. C. King at the "Knockers"
Commercial club. El L.
Tom Richardson, Dr. H. A.
half a dozen more of us
was said about irrigating
land in the Willamette valley.

"I am carrying coals to Newcastle to spend money to put water on land in the Willamette valley," said one of the group.

"Yet of all the enterprises I am promoting I believe I am doing more real good to the whole state in that enterprise than any of my others," replied E. L. Tschirhart. "It is missionary work. In two or three years the farmers throughout the Willamette valley see how, in July and August, when their gardens have stopped all growth ours are doing their best work, we will soon have them converted to giving their gardens and berry patches the moisture that are crying for."

"You spoke of this being your favorite enterprise," said another of the group around the table. "What are your other enterprises?"

"Well, the ones I take the most interest in are my Clover Hill Dairy farm, my poultry ranch, the St. Johns Woolen Mill with its 225 employees, Rose City Park and Fair Haven property, the street cars to the latter place, of which I am president; the Hartman Thompson bank, the—but that is enough to give you an idea of how I spend my leisure."

A Model Dairy Farm.
I asked Mr. Thompson to take me to his dairy ranch. The next afternoon found us en route to Deer Island, where the Clover Leaf Dairy ranch is located. The road passes beside Sauvie's Island, through St. Helens and on to Deer Island, 35 miles distant from Portland.

From the front porch of the farm house one sees a beautiful lake in the foreground, surrounded by well kept fields. In the distance gleams the river, while on the horizon St. Helen's snow clad peak is silhouetted against the blue of the sky.

The farm house is on the crest of a rolling hill. To the right and left of the garden, while across the fence is a 16 acre field of kale. Beyond the lawn with its rose bordered path is an orchard of young peach trees and pears.

"Before I take you through the dairy barns," said Mr. Thompson, "I want to show you something of this farm. I bought it a few years ago for \$55 an acre. There are about 455 acres here. It was very much in the rough—rails and barbed wire gates, timber slabs and board walkways. Now possibilities in it. Merrill creek flows through Merrill valley across the ranch. It was an overgrown jungle when I bought it. Look at it now—and I have only started. Wait a few years."

"For a long time I put in a thousand dollars a month clearing the place. Some months the payroll amounted to \$2500. I knew that every cent put in was an investment, not an expense."

"The government paid me \$50,000 to drain the stock Merrill creek. That may seem to have very little to do with running a dairy ranch, but it all makes for beauty and value of the place."

"The delightful feature here is that every year our soil is richer. We are building it up, not robbing it of its fertility. I have a manure spreader and all of the manure from my 156 cows and young heifers goes back on the land."

"Long ago discovered that it is a waste economy to save money in the quality of your stock. For instance, that Durco Jersey Red boar cost me \$200, but I get his cost back in his progeny. I get \$25 apiece for the young boars and the pigs I raise develop faster and make quicker growth. In other words, I can turn them into meat sooner than the ordinary pigs."

Cows Handled with Care.

We went to the barn. The half way through the center is of concrete, sloping slightly from each end toward the center. The barn is light airy and there is absolutely no odor. On each side was a row of 40 or 50 cows. They were standing on wooden floors built flush with the concrete. They were held by swinging iron frame stanchions fixed on swivels. In front of each cow about three feet from the floor was a gall of water, with an automatic float valve to keep the water always at the same level.

"The cows look as carefully brushed and tended as a string of race horses.

As soon as the cows are milked the milk is collected and filtered out. The walls and all exposed parts are sprayed. The cows themselves are sprayed daily to keep off the flies. About an hour before milking time their flanks and udders are carefully washed with disinfectant. As we passed down the line of cows they looked as carefully brushed and tended as a string of race horses.

"Let me see your hands," said Mr. Thompson. "My neighbors thought it was a bad idea. Yet that automatic water tank keeping as it does, clear, fresh water always before the cow, increased our milk production 10 per cent and that means a good deal in our monthly milk check. We sell over \$2000 worth of milk a month, our yearly income being in excess of \$25,000."

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"This is Dolly Gray," said Mr. Thompson. "I imported her from the Isle of Guernsey. I paid a thousand dollars for her. She comes of a famous strain of milkers. I get \$200 each for her calves. This is Sister Delsey. She took the sweepstakes prize for the state of Washington at North Yakima as a three year old. She was the best milker in the state. I suppose you have noticed that I have a line of Jerseys, a line of Guernseys and a line of Holsteins. We have regular pens for separating their milk. The milk of one Guernsey and one Jersey is combined with the milk of four Holsteins. The Guernsey gives the rich creamy taste, the Jersey gives the cream or butter fat, and the Holstein gives the quantity. Here is Pet, a cow I have had for four years. She gives five gallons a day and has milk tests over 5 per cent butter fat."

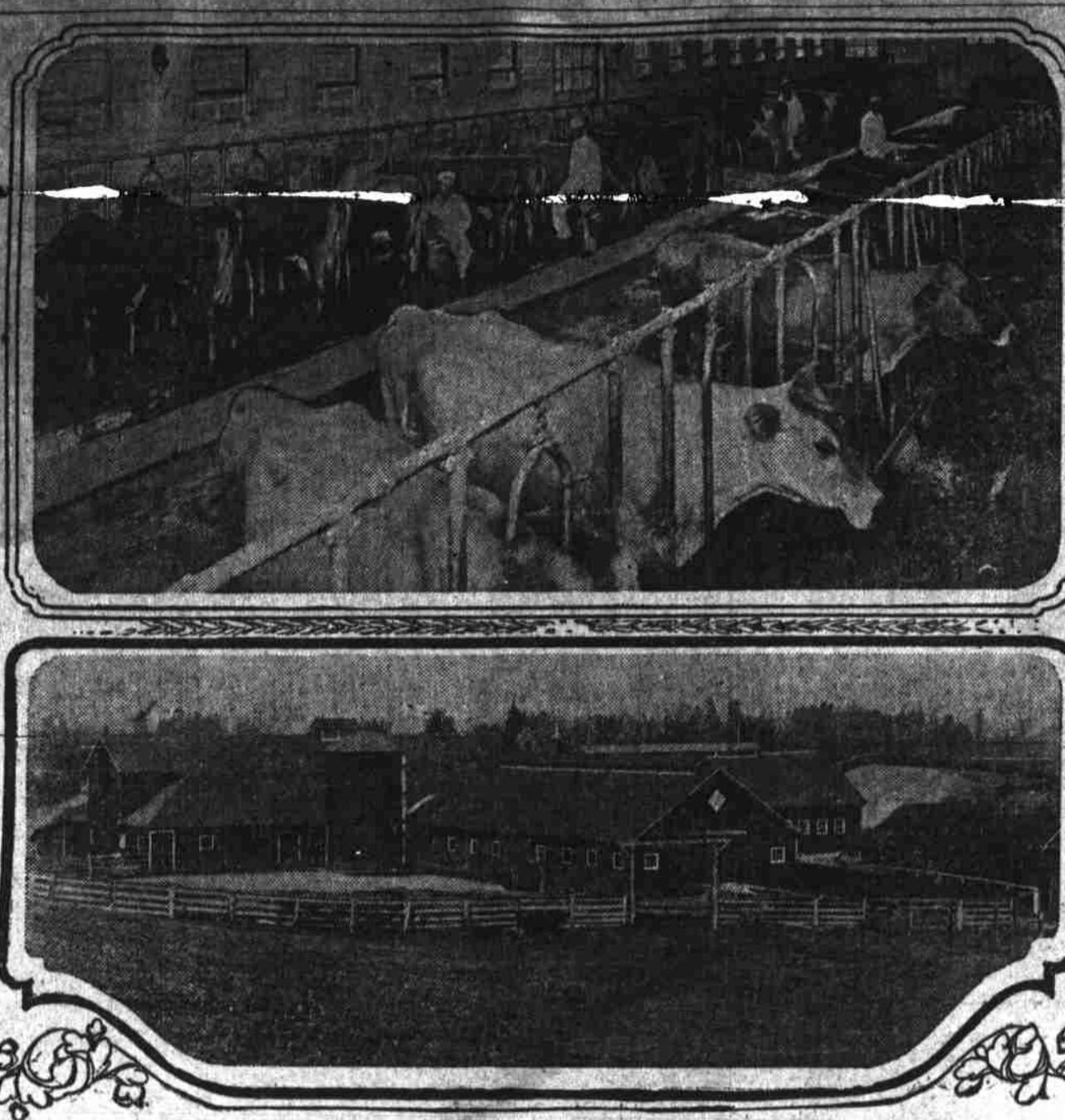
Let me see the cows we went to what Mrs. Thompson calls his kindergarten, where the little calves are. From there we went to the "grammar school" where the calves six or eight months old are kept.

"Here is a maternity ward—and that one over there is an isolation ward, where we keep a cow that has anything wrong with her."

We passed on to the milk house.

"Here is the sterilizing vat," said Mr.

CLEANLINESS IS COMPELLING FACTOR IN CONDUCT OF BIG DAIRY RANCH



Interior and exterior views of big dairy on Deer island.

JACKSON TEACHERS IN FAVOR OF STATE TAX

Department of Education Is
Commended for Efforts To-
ward Beneficial Legislation.

(Special to The Journal.)

Medford, Oct. 18.—At a meeting of the Jackson county school officers association this afternoon the following resolution was unanimously adopted:

Whereas, there are many school districts that are unable to properly main-

tain school on the funds received from the county and state; and

Whereas, the assessed valuation of man-

districts is not large enough to furnish funds from a reasonable special tax to cover the deficiency;

Therefore, be it resolved, that this meeting endorse the movement of the state department of education for the

bettering of schools throughout the state, and suggest that said board con-

tinue its efforts to have a law passed

that will provide for a state tax of as

many mills as shall be necessary to pro-

vide a fund for the proper maintenance

of every public school in this state.

The committee was composed of Ed M.

White, G. W. Ager and A. A. Boyce.

In the morning, Welborn Beeson

talked on school finances and taxation,

and in the afternoon Mrs. J. C. Penelope

of Table Rock gave an interesting

paper on the school as a social center.

Following Mrs. Penelope, E. F. Can-

nington, assistant state school superinten-

dent of Salem, addressed the meeting on

school fairs, and a general discussion

followed concerning manual training

and domestic sciences.

RAILROAD OFFICIALS
PAY SHERIDAN VISIT

Sheridan, Oct. 18.—Superintend-

ent S. D. Campbell and Assistant Super-

intendent R. D. Field of the Southern

Pacific, with other officials of the road,

visited Sheridan today, arriving by spe-

cial train from Dallas, where the spe-

cial party's train barely escaped being

run over by a freight train.

United Mine Workers officials this

afternoon began the circulation of peti-

tions calling upon the governor to take

over the coal mines and operate them

until the legislature can convene in ex-

tra session to pass a compulsory arbi-

tration law and a bill permitting the

state to mine its own coal.

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BEAR DOG STAYED ON
JOB WHEN TIED TO TREE

Chehalis, Wash., Oct. 18.—George

Ames of Lincoln creek killed a big bear

yesterday and Eddie Young, who lives

one-half mile west of Winlock, also killed

a bear recently under peculiar condi-

tions. His dog tred the bear. Young

went to go some distance to get a

gun, so he tied his dog to the tree under

the bear, hastened for the rifle and on

his return loosened the dog and shot

the bear. Tom Snow and Mr. Leathers

killed three bears near Winlock.

Carl Null of Hanford varied mat-

ter somewhat by killing a 101 pound cou-

gar that measured six feet and a half

from tip to tip.

Thompson. "Every bottle and every

utensil is put through a steam bath be-

fore being used, and subjected to a 60

pound pressure of live steam. Here is

where the milk is washed before

going to their sterilizing bath. It

is a steam rotary washer. The bottles

are put on these brushes, boiling water

is forced through the brushes and they

are revolved rapidly.

The milk is forced through sterilized

cotton. It is weighed and poured into

this container through a sterilized fil-

ter. By gravity it is forced up through

another filter into the cooler and from

there the bottles are automatically

filled. Parafined wafers cap the bottle

and over that goes a parafined cap with

a wire fastening automatically clamped

on. The cases are then loaded and the

milk is ready for shipment as certified

milk.

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