

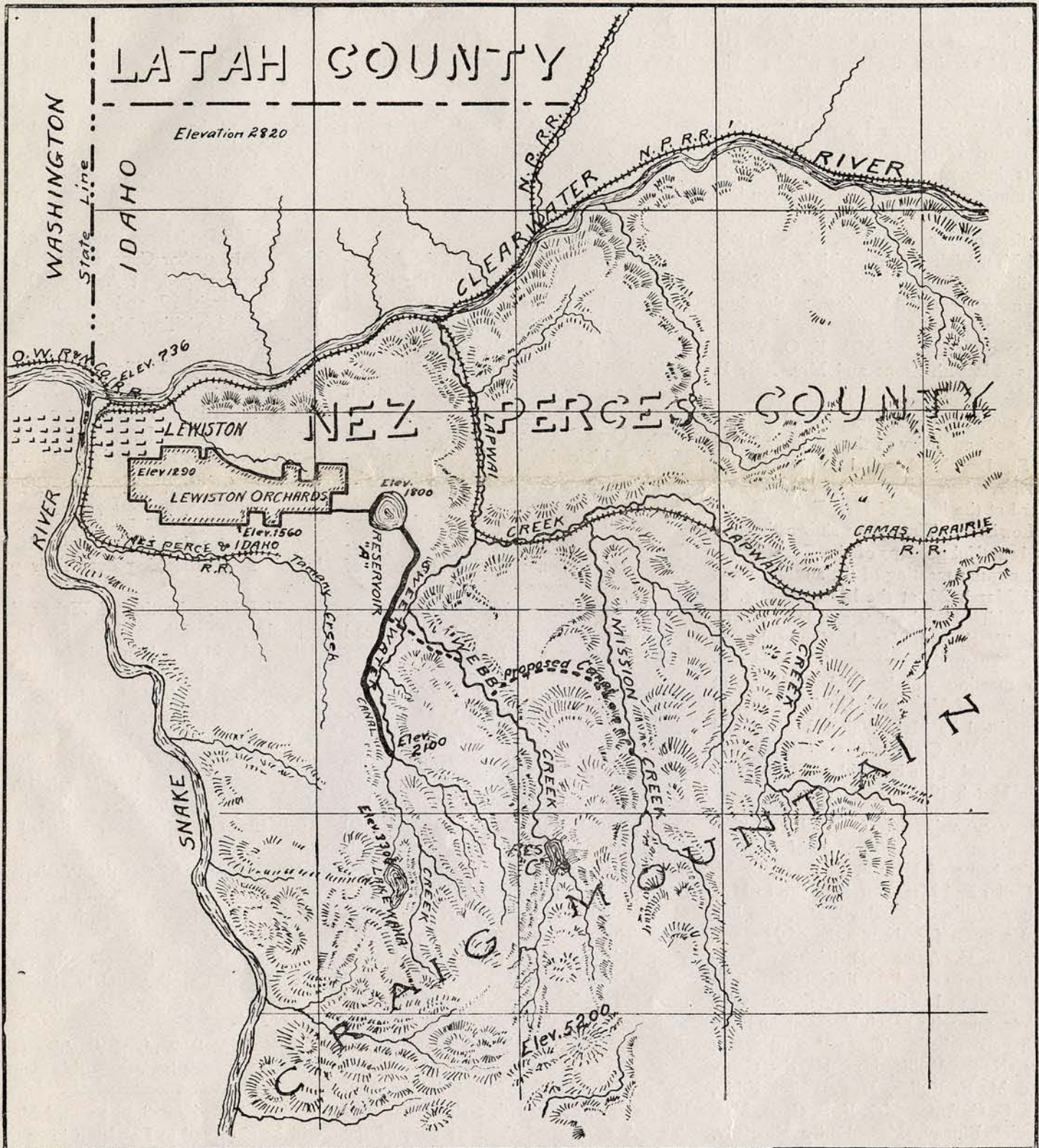
Lewiston Orchards Life

AN EXPONENT OF PROGRESSIVE HORTICULTURE AND THE SUCCESSFUL RURAL COMMUNITY

VOLUME 3

APRIL, 1914

NUMBER 4



MAP SHOWING WATER SUPPLY OF LEWISTON ORCHARDS. (SEE PAGE 5).
(Prepared by D. H. Guiland.)

Community Life in Lewiston Orchards

HOME HAPPENINGS

Elaborate preparations are being made for the observance of Easter Sunday at Lewiston Orchards church, April 12. The pastor, Rev. F. O. Wyatt, will give the last of his series of seven sermons on the essentials of Christianity as seen in the light of modern knowledge. His topic of evening discourse will be "The Immortality of The Soul." The evening musical service will include the production of "The Dawn Immortal," with a chorus of 12 to 14 voices, with reading parts interspersed by David A. Smith, the music and readings being woven into a sacred drama. The church committee consists of Mr. and Mrs. C. S. Jacobs and Mrs. Walter Eddy, with F. D. Webb as director. On the morning of Easter day a program will be given by the Sunday school, under the direction of a committee consisting of Mrs. F. O. Wyatt, Miss Elizabeth Stone and Mrs. Kate B. Chase.

A number of members of the Lewiston Orchards auxiliary of the advisory board of St. Joseph's hospital were guests, April 2, of the members of the advisory board at the home of Mrs. E. W. Eaves, in Lewiston. They were shown through the beautiful gardens of the Eaves home. The regular meeting of the auxiliary was held March 26, at the home of Mrs. S. W. Whitford, who was assisted by Mrs. Mae Troeh and Mrs. J. Kouwenhoven, with 26 members present. The next regular meeting will be held April 23, at the home of Mrs. A. J. Duffus, who will be assisted by Mrs. Walter Moffitt and Mrs. D. W. Clark. The auxiliary was represented at the hospital on St. Joseph's Day, March 19, by the officers.

A very enjoyable farewell reception was given on the afternoon of April 3, at the home of Mrs. F. B. Gano, by M. E. Fuller and Mrs. Harriet Gano to Mrs. Nancy Willis, of Portland, Me., who had been a guest for six months of Mr. and Mrs. G. G. Ames. Delicious refreshments were served on little tables daintily decorated with flowers, one with violets, one with peach blossoms and one with yellow bells. Those present were: Mrs. Nancy Willis, Mrs. Harriet Gano, Mrs. M. E. Fuller, Mrs. Walter Eddy, Mrs. G. G. Ames, Mrs. F. B. Gano, Mrs. Harriet Finney, Mrs. Emily Kennedy, Mrs. R. Pickering, Mrs. Josiah Butler, Mrs. A. J. Smith, Mrs. Mary Maxwell,

Mrs. J. L. Klapp, Mrs. J. F. Morse, Mrs. H. H. S. Rowell.

"The Case Against Casey" was the subject of an amusing mock trial by the Brotherhood and Rangers classes of the Lewiston Orchards Sunday school, at the school house on the evening of March 13. The leading part of the judge was taken in a telling way by Dr. R. W. Cram. Harry Tondevold as the clerk, Fred Sheets and Allen Eddy as attorneys, F. D. Webb as defendant and Ralph Rowell as plaintiff had important roles, while jury, witnesses and court officers required the work of a dozen others. The performance was lively and laughable.

In the report last month of the Assembly's literary entertainment at the school house, omission was accidentally made of the excellent monologue depicting a scene in rural life, by Mrs. Mae Troeh. It was entitled "Helping Father In A Financial Deal," and represented a conversation between several characters, very cleverly done. Omission was also made of Miss Hattie Whitford, who played the accompaniment for the musical sketch of the "Six Bees."

John F. Morse has recently been appointed secretary of the Lewiston Orchards association and also secretary of the new highway commission.

The first locomotive to run over a completed section of the Johnson road was put into service March 31.

PLANTING SCHOOL GROUNDS

The grounds about the Lewiston Orchards school house have recently been planted to shrubs and trees, under the direction of Professor W. S. Thornber. The west street line, on Third street, has been planted with English walnuts, 60 feet apart, with fillers at 30 feet of Yellow Newtown apples. The south street line, on Burrell avenue, is planted with black walnuts, with Yellow Newtown fillers. There will be no trees on the east side, which will join the park and playground, but some shrubs will be used there. The front lawn has been planted with tamerix, spirea, wigelia, evergreens, lilacs and other shrubs. The shrubs are massed as a border around the front lawn and the front angles of the building, leaving an open court with a shrubbery border. A portion of the rear part of the grounds will probably be hedged off for a school garden.

PERSONAL POINTS.

Mrs. E. E. Booth expects to leave April 12 for her home at Sault Ste. Marie, Mich., after a visit for five months with her sister, Mrs. A. J. Sipes. She has with her Miss Gelia Leggert, her daughter, and her two sons, Clayton and Lynn Booth. She will be accompanied on her return by her brother, Chas. Shobbrook, who has been a resident here for six years past and is going to spend the summer at his old home. Mrs. Booth was guest of honor at a card party given by Mrs. Mae Troeh, April 4, and Miss Leggert was given a party by Miss Louiscena Oldenburg, April 3.

Jas. H. Henderson, auditor of the Hammond Lumber Company, where 800 men are employed, at Astoria, Oregon, arrived March 29 and remained here until April 1, visiting his property in the Orchards.

Mrs. Nancy Willis, a sister of G. G. Ames, returned April 7, to her home at Portland, Me., after a visit of six months with Mr. and Mrs. Ames. Several receptions were given in her honor before her departure.

Miss Frances C. Sylvester, of Olympia, Wash., and her mother, Mrs. Sylvester, spent a day in the Orchards, early this month, looking over their property.

Will Eddy, a brother of Walter Eddy, recently arrived here from St. Joseph, Ark., and will soon bring his family. He is well pleased with conditions here.

D. P. Wood, chief clerk in the superintendent's office of the O. W. R. & N. Co., at Portland, Oregon, an orchard owner here, was a visitor, March 29.

Dr. Frank Baker left March 20, for North Yakima, Wash., and returned April 10, better than ever satisfied with Lewiston Orchards.

H. H. Smith, of Seattle, Wash., spent several days here this month looking after his property on Twelfth street and Grelle avenue.

Shobert Canter has recently arrived from North Carolina and is visiting his brother, H. A. Canter. He will probably locate here.

Mrs. S. A. Roland, of Washington, D. C., spent a week here early this month.

The week of April 13 to 18, inclusive, will be observed in Lewiston in common with the state of Idaho as "Home Industries Week."

Lewiston Orchards Life

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For the information and aid of orchard owners here and elsewhere.

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Horticulturists. Contributing Editors.

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STRENGTH OF LEWISTON ORCHARDS

On April 9th, Franklin K. Lane, secretary of the Department of the Interior, convened at Denver a conference of the governors of the western states for the purpose of finding means for saving the government irrigation projects and Carey act projects of the country.

From the reports of this convention obtained from the press, it appears that Carey act projects are financial failures and that the settlers in these districts are unable under present conditions to make a living from the land which they have acquired. The unhappy conditions which have been gradually developing during the past few years in government, Carey act, and many private land and irrigation projects, have caused the withdrawal of the confidence of the public from the irrigation and land projects of the west, good and bad alike. Each individual project, no matter how worthy, has had to endure the suspicions which have been directed toward irrigation and land projects as a class. Sound private projects have been unjustly subjected to the greatest difficulties, because of this general uncertainty and the consequent withdrawal of financial support from them at a time when financial support was

most needed. In an article in the Literary Digest of March 14th, George G. Anderson, a Denver engineer, points out the fact that during this period of general uncertainty, the commercially sound projects have often sustained a greater burden than the weak ones, because they have had the largest proportion of capital invested.

The atmosphere, however, has begun to clear. The unsound and unfit private projects are being eliminated. The national state governments are at last bringing out the causes which have produced the failures of those projects which have been under government control, and whether or not the means will be devised for remedying these conditions, these failures will no longer be confused with sound private projects, impairing the credit of the latter, as they have in the past. It is becoming more and more apparent that those projects are strong indeed which have been able to encounter all of the difficulties and survive. They are not numerous, and wherever they are found, the fundamental principles of their success are easily recognized.

Viewed in this light, the strength and quality of the Lewiston Orchards project stands out in strong relief. At a time when settlers in other districts are suffering from want and distress, the people residing in this Orchard community are comfortable and confident. During this very period of uncertainty in other districts, Lewiston Orchards has made headway as never before, a big crop is in sight, and the optimism of the resident orchardists was never at so high a pitch, as is evidenced by the splendid permanent road construction which the community is about to undertake. Those who have cast their lot with this enterprise have reason to congratulate themselves upon the comparative prosperity of the district, but they should not be content with this alone. They should do all in their power to make known to the world the actual conditions which prevail in Lewiston Orchards, in order that the district may not suffer from the distrust occasioned by the failure of government, Carey act, or other private projects. Those whose business it has been to maintain the financial credit of the project have had to battle fiercely against the wave of general misunderstanding and distrust during the past few years, but have maintained the integrity of the district in the financial world. There is at once a great duty and a great opportunity for all of those whose interests are

allied with Lewiston Orchards. The duty is one of loyalty to a splendid institution which stands first in its class in the world. The opportunity is to reap the benefit of the high intrinsic value of these properties as compared to those in other districts.

The essential strength of Lewiston Orchards lies in the fact that the community has been carefully and thoroughly built upon substantial lines, and that, coincident with the construction of the irrigation project and the exploitation of the lands, a horticultural system has been developed in such a manner as to produce a certain profit upon their investments to the owners of Orchards.

OUR WATER SUPPLY

Of much instructive interest is the article elsewhere in this issue by David H. Guiland, civil engineer, an orchard owner and resident here, fully informed on the subject treated and competent to give reliable data from the standpoint of an engineer, impartial and unprejudiced. He is familiar with the irrigation systems of many other districts but he declares that the system here is far superior to all others in the Northwest, as to water resources, method of distribution and other respects.

In other districts it is customary to take water out by an open canal, and there is consequently much loss by seepage and evaporation, while here the water is all carried by an underground pipe system. In most districts there are many separate irrigation systems. Here is an independent system that stands alone. In some places a separate system is required for domestic water supply, the irrigation supply being necessarily withdrawn during the winter season, but here is a water supply for all purposes, under high pressure, all the year around. Mr. Guiland has characterized as extremely ridiculous any fear of a shortage of water supply, the margin of surplus being so large that the possibility of danger of shortage in the driest season ever known would be too remote for serious consideration. The facts presented in this article indicate that the present irrigation area here could be expanded to many times its present proportions without drawing unduly upon the abundant available water resources of this region.

An inspection of the distributing system in the orchards themselves is always of instructive value but yet more interest-

ing to those who can do so would be to follow the water system of Lewiston Orchards to its ultimate sources in the streams, lakes and springs of beautiful Craig Mountain. In that vast natural storehouse will be found a permanent and abundant water supply for the many thousands of acres in the valley below where is already blooming into early beauty the finest fruit district in the world—Lewiston Orchards.

OUR SCHOOL ADVANTAGES

An inquiry comes from an orchard owner, now at Minneapolis, Minn., as to the school facilities in Lewiston Orchards. The people here are properly proud of their school which is one of the schools in the Lewiston Independent School district. The building has been called the prettiest public school building in Idaho. It is a four-room structure, located on a five-acre tract which is being improved by the planting of shrubs, flowers and fruit trees and the laying out of playgrounds. Ultimately, an experimental orchard and probably a greenhouse and a horticultural laboratory will be among the features provided. It is expected that the adjoining five acres will be improved for playgrounds and park purposes. On the school grounds and in the surrounding orchards the pupils will have object lessons in the development of plant life.

The school is now one of eight grades, with three teachers for the fifty or more pupils and another teacher will probably be added next fall, when there will also be added instruction in manual training, domestic science and music, by the supervisors of these branches in the Lewiston schools. The school has been marked by excellent attendance and good work of pupils. Superintendent Simmonds of the Lewiston schools is very progressive in his theories and methods and he has the unanimous support of the board of education. Lewiston Orchards Assembly has a school affairs committee, to whom is referred any school question that arises in the community, and this committee holds frequent friendly conferences with the school officials, thus promoting at all times the best interests of the schools.

High school pupils from the Orchards attend the Lewiston high school, which has an excellent reputation, and which will next fall be housed in a new high school building about to be erected. The school district has large resources. Lew-

iston Orchards contributing a large share of the financial support, and the people have ambitious hopes for the future of their school.

SPRING PROMISES

As this number of Lewiston Orchards Life appears, the fruit trees of this district are clothed in beauty of blossoms that give promise of an abundant harvest of fruit. Most of the apple trees in bearing last season will this year evidently show an increase, while many more trees will this season come into bearing. The apple crop will probably be three times greater than it was in 1913, when there was a total of about twenty-five carloads.

The pear crop is very promising, judging by the blossoms, and the apricots, plums, prunes and other orchard fruits are making a good showing. The peach

crop will probably be less than that of last season, for the reason that many of the peach fillers have already been taken out, the growers preferring to give the apple trees every advantage of the greater space.

The winter season was a very mild one and spring weather came early but so gradually that the fruit buds were not endangered by frosts. Though there is yet some danger of late frosts, the hazard is considered very small in this district where the air drainage minimizes the danger. A very thorough spraying with lime-sulphur was done during March, and the latter part of this month the first spraying with arsenate of lead will be made. The orchards as a whole are free from pests and diseases and the fruit crop promises to be of the same high quality that attracted wide attention last season.

Orchards Operating Company Makes a Good Showing

THE Orchards Operating Company, with Wm. J. Rolfe as manager, is making a good showing of spring work in the more than 300 acres of orchards which it operates. Early spraying, cultivation and seeding has been done and everything looks in "apple pie" order. There have already been planted 50 acres of spring vetch and oats, 20 acres of barley, and 15 acres of rape. There will also be planted 35 acres of peas, 5 acres of mangels and an acre of carrots. About May 15, there will be planted 120 acres of red and white flint corn.

Twenty acres of alfalfa will be seeded in a solid block of Bartlett pears, bordered by rows of Howells pears. Though this is the first crop, Mr. Rolfe estimates that there may be five or six carloads of pears this season, on the twenty acres, the trees all being heavily loaded with blossoms. The Winesap and Jonathan apple trees and the cherry trees are also in heavy bloom. The cherries are mostly Bings, with some Lamberts and Royal Anns.

There are from twenty to twenty-five acres of pasture for the hogs, of which there are 55, big and little. There are two fine boars, one Poland China and one Duroc. For the hog pasture a portable fence is used in about 250 sections of sixteen feet each, in the construction of which 10,000 feet of lumber were used, at a cost of about 90 cents a section.

Besides the hog houses there is a barn 60 feet long with six stalls built on the plan of the California mule-barn. A bay

24 feet long, will be built for hay and a grain room 10 feet square and 8 feet high, and an implement shed will also be added. A horse hospital or box stall is provided for disabled animals. This is 14 feet square. It is probable that other buildings will be added this season. The bunk-house which houses Mr. Rolfe's family and the workmen was built early in the winter, as mentioned in a former article.

LADIES AID SOCIETY.

The Lewiston Orchards Ladies Aid held its all-day meeting April 9, with good attendance of members and about 100 persons were served at the noon lunch, by the refreshment committee consisting of Mrs. R. S. Erb, Mrs. W. F. Ebinger, Mrs. C. S. Jacobs, Mrs. Walter Eddy, Mrs. S. W. Whitford, Mrs. Mae Troeh, Miss Ethel French, Mrs. J. B. Nelson, and Mrs. W. S. Shearer. From Lewiston, 18 visitors were present.

It was found that 37 garments had been finished for the Children's Home. The purchase of a large double-oven range was ordered, and payment of \$25 on the church subscription of \$50 was authorized.

The next all-day meeting will be held May 14, when the refreshment committee will consist of Mrs. R. W. Cram, Mrs. D. S. Wallace, Mrs. I. W. Wallace, Mrs. H. H. S. Rowell, Mrs. R. G. Bailey, Mrs. T. Keedy, Mrs. F. O. Wyatt and Mrs. N. R. Lee.

The Sources of Water Supply for Lewiston Orchards

By David H. Guillard, formerly City Engineer of Lewiston, Ida.

THE water supply of Lewiston Orchards has its source in the streams which drain the North slope of Craig Mountain.

Mission Creek, Soldier's Meadow or Webb and Sweetwater are streams carrying water enough to irrigate 50,000 acres as figured by accurate measurements made by the Lewiston Orchards Company's engineers.

On these streams wiers have been constructed of concrete and anyone who reads the depths on the measuring guage can find in any standard table the number of acre feet passing over the crest at the time of reading. Readings have been taken by the Company's engineers every day for a number of years, giving them ample time to satisfy themselves as to the flow of water in the different creeks. Mission Creek has averaged 28,000 acre feet during the year. Soldier's Meadow 15,000 acre feet per year and Sweetwater 12,000—the greatest flow being in early summer when the warm weather melts the winter's snow. There is some flow of water in these streams all the year, but not enough to irrigate any great quantity of land during July and August, so it has been necessary to build reservoirs to store sufficient water to carry on the irrigation during about forty days of dry season, or until the beginning of the rains in the Craig Mountain district.

The supply system is to consist of a belt of connected reservoirs which will be filled early in the high water season, the overflow being used for irrigation until such time as the natural flow has begun to decrease, when there will be a draft upon the reserve. At some future date when the system is to be extended, a dam will be built across Mission Creek, with a conduit to the reservoir which is designated to impound 5,000 acre feet. Another reservoir designed to impound 10,000 acre feet will be built near Soldier's Meadow Creek. From this the water will be taken by conduit to the intake at Sweetwater and then through the canal already constructed to the Main Reservoir of the distributing system—Reservoir A—which, when completed, will impound 6,500 acre feet, making a total reserve of 21,500 acre feet.

Reservoir A is situated at the east end of the Orchards. The dam has a maximum base width of 500 feet, sixty

feet being its greatest height. The intention is to add 40 feet to its present height when the necessity demands. Its present length is 1,500 feet at the top. This dam is built of clay and loam. The earthen banks were first brought up in layers six inches deep, each layer being rolled with a heavy roller, until the earth became a compact mass. The clay core was then hauled in and puddled so that it is more compact than an original earth bank.

Midway in the Orchards is a Relief Reservoir to distribute the water to the laterals to provide storage to take care of the fluctuations and to relieve the pressure in the pipe main, which would be too great if the water were brought directly from the Main Reservoir. Another Relief Reservoir is now under construction and a third one will be built when the service demands it.

The distributing system comprises a carefully planned and carefully laid pipe system. The main pipes are in the alleys of the Orchards and the user who runs a pipe the full length of his tract, with a tap at every row, can irrigate with greatest ease, being able to turn on the water in any quantity desirable. As these pipes are laid at a proper depth, water can be used all the year round. House connections are made, most of the Or-

chard residences having modern plumbing.

The Lewiston Orchards is an ideal irrigation system, having good soil, a good climate, approximately level land which is well drained and of moderate altitude and an abundant supply of pure water whose source is not too far from the point of application. With its distributing system of pipes, it is free from the drawbacks of the open canal system, where the water often becomes so polluted that people have to resort to filtration, or to the expense of a separate system for domestic use. The water of open ditches usually has to be shut off in the fall, necessitating the use of a well or cistern during winter.

Here there is no chance of pollution. The water is brought directly from those streams which drain the deepest recesses of Craig Mountain, where from three to six feet of snow lie in winter. Thousands of springs of almost ice cold water gush out along the bottoms of the gulches. At the head of the Sweetwater the Big Spring flows three cubic feet per second at the driest period of summer—a quantity of water sufficient to irrigate 2,000 acres of land. Above the Spring is Lake Waha, of which the Big Spring is supposed to be the outlet, a deep lake with a surface of 150 acres at low water.

A Comprehensive Telephone System for Lewiston Orchards

THE Lewiston Orchards Rural Telephone Company, which held its annual meeting April 6, was organized March 11, 1913, for the purpose of putting the telephone service in the Orchards upon a more permanent, comprehensive and efficient basis, with opportunity of immediate and continuous extension of service to meet growing demands. The result has been more than a doubling of the service during the past year.

The system of the company has now 49 subscribers on the six existing circuits and additional circuits will soon be needed. The entire system has now 14 miles of circuit on the main line and 5½ miles of circuit on laterals, or 19½ miles of circuit in all, making 38½ miles of single wire. The system has a construction valuation of about \$1,000. The construction

had been done in substantial but economical manner, and the company has no indebtedness.

The company is a co-partnership, with a membership fee of \$25, each subscriber having an equal interest in the system. There is an annual maintenance fee of \$1.00, and exchange charges of \$6.50 a year are paid to the Pacific Telephone & Telegraph Company at Lewiston. The company purchases telephones for its members at wholesale prices. The government is by a board of five directors. At the recent annual meeting, the following were elected: W. H. Bankson, president; W. S. Shearer, vice-president; H. H. S. Rowell, secretary and treasurer; P. H. Mullarky and N. R. Lee. All of these were on the first board, except Mr. Shearer, who takes the place of Mr. C. R. Burns who declined to serve again.

Some Timely Hints for the Spring Care of Roses

By Chas. A. Cole, Horticulturist.

AS there were quite a few rose bushes set out on the Lewiston Orchards last season and more being added this spring, it might be well to mention, in this issue of Orchards Life, a few of the most important facts of "Rose Culture."

Our soil is ideal for growing roses, but in order to get the best results thorough preparation must be given the rose bed before the plants are set out. The soil must be dug to a depth of two feet and some well rotted compost worked in to it. The best way to do this is to dig a trench three feet wide and two feet deep. Place the top foot of soil on one side and the bottom on the other. Mix well rotted compost with the bottom foot of soil, replace it in the trench and tramp down firmly. Treat the top foot exactly the same as you did that of the bottom. When the plants arrive from the nursery set them in the bed at once. Prune off all dead roots and cut back the long ones to about six inches. Cut the top down to about six inches and all side shoots to two buds. If there is more than one main branch, thin out to three and treat each as suggested for the one. Be sure and cut to out pointing buds, as this spreads the bush and aids in keeping down fungus diseases by affording good

air circulation. Dig a hole large enough to receive the roots without crowding and deep enough to allow the plant to be set about two inches deeper than it stood in the nursery. Work the dirt in among the roots and tramp down firmly. This is very important as loosely set plants do not make a satisfactory growth. Leave a small basin around each plant and water thoroughly. After the water has settled into the soil, fill up the hole with loose soil to prevent the wet soil baking. Don't tramp this soil.

The plants set last year should have been pruned several weeks ago. This pruning consists of removing any dead wood, thinning out the remaining branches to three or four and heading these back from ten to eighteen inches, depending on the growth made last season. The side branches on each main branch should be thinned down to three or four and head these back to three or four buds. Select branches and buds that point outward in order to keep an open headed bush.

The soil around the bushes should be carefully spaded up to a good depth but not so deep as to cut the roots of the plants. After spading break up all clods with a garden rake and level off the surface, leaving a good fine mulch of loose soil around the plants. This cultivated

space should extend out at least two feet on each side of the row.

A good percentage of people who have roses simply set them out along the fence or in the lawn and allow the ground to sod over. Where the lawn is sprinkled or has white clover this sodding over will take place in a very short time. Rose bushes grown under these conditions will not give satisfactory results. While this condition of cultivation produces small roses and diseased plants, it does not mean that the bushes are spoiled. By removing the sod, pruning the plants and adding fertilizers, the bushes will come back in a very short space of time.

The first application of fertilizers should be added now. A top dressing of well rotted cow manure worked into the soil is very beneficial. Liquid manure can be added about once every ten days. This manure can be made by filling a barrel half full of cow manure, then filling up with water. Stir the contents well with a hoe. Let the mixture stand for a day then dip off the liquid and irrigate the plants with it.

Rose bushes set in properly prepared beds give surprisingly quick results. Some of our growers set out well grown plants last spring which produced a wealth of bloom from the middle of summer until freezing weather.

HOME HAPPENINGS.

A party of eight lady friends was very pleasantly entertained on the afternoon of March 27, by Mrs. A. J. Smith, at her home on Warner avenue between Ninth and Tenth streets, in honor of Mrs. Nancy Willis, who had been a guest for the winter of Mr. and Mrs. G. G. Ames, but was soon to leave for Portland, Me. A delicious four-course dinner was served at six o'clock.

A six o'clock dinner of elaborate menu was given on the evening of St. Patrick's Day by Mrs. Josiah Butler, assisted by Kate B. Chase. On account of the names of guests and hostess, it was termed an A, B, C party, the guests being Mr. and Mrs. G. E. Ames, Mr. and Mrs. J. E. Butler, Mr. and Mrs. W. H. Bankson, and Mr. and Mrs. D. W. Clark.

Mr. and Mrs. John Kyle are occupying the Green orchard. Mr. Kyle has been a resident of North Yakima, Wash., for the past 24 years, but likes Lewiston Orchards the best of any place he has seen. He is planting this season five acres of

potatoes, three acres of onions and other vegetable crops.

Among building improvements now under construction or recently completed in Lewiston Orchards are the residence of A. H. Duffie, Albert Johnson, C. S. Jacobs, Frank Finney, F. W. Baker, J. M. Henderson, and Davy Crockett.

The Detrick Universal Planer, a road implement invented by Lloyd L. Detrick of Lewiston Orchards is now being used to improve the highways of the district. It is drawn by the auto truck and does fine work.

Mr. and Mrs. Davy Crockett arrived March 10 from Oakesdale, Wash., to take up their permanent residence on their property on Bryden avenue between Seventh and Eighth streets.

Mr. Verzani who is occupying the Hedlund orchard, and caring also for the Potvin orchard, has constructed a ground roller from a section of stand pipe that does very effective work.

H. A. Boseth and wife and eight children have arrived from South Dakota

and occupy the property purchased from C. W. Tyler on Burrell avenue and Eighth street.

The Orchards company is about to begin the seeding of 1,500 acres of corn, having completed the seeding of 700 acres of peas and 400 acres of oats and peas.

H. H. S. Rowell is justice of the peace for Lewiston Orchards precinct and is prepared to register voters, in accordance with the new law for registration.

Mr. and Mrs. Ed. Wilson, of Spirit Lake, Idaho, are occupying the McCoubrey orchard, of which Mr. Wilson has charge this season.

Alva Boyer is seeding 400 acres of grain, of which 100 acres are in Tammany and 300 acres west of Lewiston Orchards.

L. H. Briggs has 200 hogs, great and small, on his big orchard farm in the eastern part of the Orchards.

Mr. and Mrs. H. A. Canter had the addition of a daughter to their family, March 23.

The Production of High Grade Seed--An Excellent Inter-crop

By Professor W. S. Thornber, Lewiston, Idaho.

THE growing of a high grade of garden and farm seeds is one of the splendid opportunities open to owners and cultivators of Orchards in the Pacific Northwest. There appears to be an unlimited demand for large quantities of a few varieties of garden seeds and a rapid increasing demand for acclimated, home grown farm seeds.

There is a large list of kinds of seeds that can be profitably produced as inter-crops in young orchards, however, an amateur should not attempt to produce anything but recognized standard varieties as there is absolutely no market for unknown or untried sorts. Most growers now demand standard sorts of certain recognized varieties to such an extent that no reasonable amount of advertising can overcome condition nor should the attempt be made since these are, as a rule, entirely satisfactory.

HOME HAPPENINGS.

Mrs. R. S. Erb very charmingly entertained a number of her lady friends, on the afternoon of April 4, in a card party at her home. The windows were curtained and the rooms lighted, all decorations being in Japanese style, while refreshments were served by Misses Ardys Ames and Betty Barr, who were attired as Japanese maidens. Thirteen guests were present and three tables were played. The head prize was taken by Mrs. Walter Eddy and the consolation prize by Mrs. Lewis. In the evening of the same day, Mr. and Mrs. Erb entertained a dancing party which included most of those at the card party, with their husbands, and a very pleasant evening was passed, the fine dancing floor of the Erb home being used to good advantage.

Members of the Good Times club and other invited guests to the number of twenty were very pleasantly entertained on the afternoon of March 21, by Mrs. G. G. Ames and Mrs. J. L. Klapp, at the home of the former on Burrell avenue and Tenth street. Mrs. F. O. Wyatt gave two readings and refreshments were served.

C. S. Jacobs has 300 beautiful White Leghorn hens that shell out eggs by the bushel every day. He expects to hatch 1,000 chicks this spring and wants 500

VARIETIES WORTHY OF CONSIDERATION

With the increased use of carrots for live stock food, the growing of Chantane and Oxheart carrots is worthy of consideration. These plants are free from pests, produce seed abundantly and require very little extra culture. Aside from farm seeds, carrot seed is one of the most simple seed crops grown and at the same time offers good money returns. Mangel wurtzels, sugar beets, table beets, parsnips and similar root crops belong to the same group, however, there is only a limited demand for these seeds. Turnips, rutabaga, radishes, cabbage, kale and similar seed crops are all more or less troubled with alphis to such an extent in this climate that it hardly pays to attempt to produce them for seed purposes.

A few varieties of garden peas, likewise make excellent seed crops. The only possible danger with these is the

pullets to keep for next season. He evidently does not fear the threatened invasion of Chinese eggs.

The Lewiston & Foley Company, consisting of Arthur F. Lewis and C. A. Foley, has a dairy herd of thirteen animals and are ready to buy calves for further enlargement of the herd. They are located near the Relief Reservoir.

An afternoon reception in honor of Mrs. W. S. Thornber was given March 14, by Mrs. Chas. A. Cole. Refreshments were served and a very pleasant time was enjoyed by the fourteen guests the evening of April 3.

Word comes from Mr. and Mrs. J. W. Haben, who recently went to Aurora, Ill., that Mrs. Haben's father, Mr. Peter Faust, died March 20, at Weyauwega, Wis., aged 76 years.

F. W. Baker has recently built a portion of his house on Twelfth street near Powers avenue and Mrs. Baker and son are expected to arrive soon from Indianapolis.

Dr. Edward O. Sisson and other members of the state board of education visited Lewiston March 18, and gave several addresses.

Some back numbers of Lewiston Orchards Life are available for those who might wish to send away special numbers to friends interested in the district.

pea-weevil, a small gray bug that finds its way into the seed making it unsatisfactory for seed purposes.

A carefully selected improved strain of some of the standard varieties of tomatoes has in many districts been made a crop in a limited way. Seed potatoes, field corn, Canada peas, garden and field beans and vetches all offer good returns for reasonable care.

Unless grown in rather large quantities, the production of clover seed, alfalfa, timothy and small grain crop seed should not be attempted as an orchard inter-crop. It is possible to secure seed contracts with various seed companies for the sale of nearly all kinds of seed and as a rule this is by far the safest plan to follow, as it eliminates the danger of not being able to market the crop after it is grown and threshed.

Anyone interested in this phase of work will do well to secure the United States Dept. of Agriculture Year Book.

DEATH OF A. N. LONG.

Alfred N. Long, an orchard owner here, but a resident of Spokane, died April 3, at Missoula, Mont., after an illness resulting from a tumor. He was an N. P. conductor and was well known in the Northwest. He was prominent in the Masonic order, under whose rites he was buried, had a wide circle of friends and leaves a widow, mother, two brothers and a sister. He had often looked forward with pleasant anticipation to a prospective residence on his property in Lewiston Orchards.

To celebrate St. Patrick's Day, a jolly theater party of 35 persons was formed in Lewiston Orchards to attend the Edison Talking Pictures, at the Temple Theatre, Lewiston. The auto truck, driven by Fred Sheets, was engaged for transportation to and from the place of entertainment.

P. H. Mullarky has recently purchased a timber tract of 320 acres four miles west of Winchester and about twenty miles from Lewiston Orchards.

Professor W. S. Thornber and family have recently removed from Lewiston to their orchard in the eastern portion of Lewiston Orchards.

John Wilkes is pasturing 85 hogs in his twenty acres of orchards. He has both Durocs and Poland Chinas.

A Permanent System of Highways Assured for Lewiston Orchards

SOON after the organization early last month of the Lewiston Orchards highway district, Storey Buck resigned as a member of the commission, and Tracy Keedy was elected by the other two commissioners in his place, in accordance with action taken at a meeting of Lewiston Orchards Assembly March 16. The same meeting, by a large majority, voted in favor of the commission taking steps for some type of improved highway.

During the following week the three

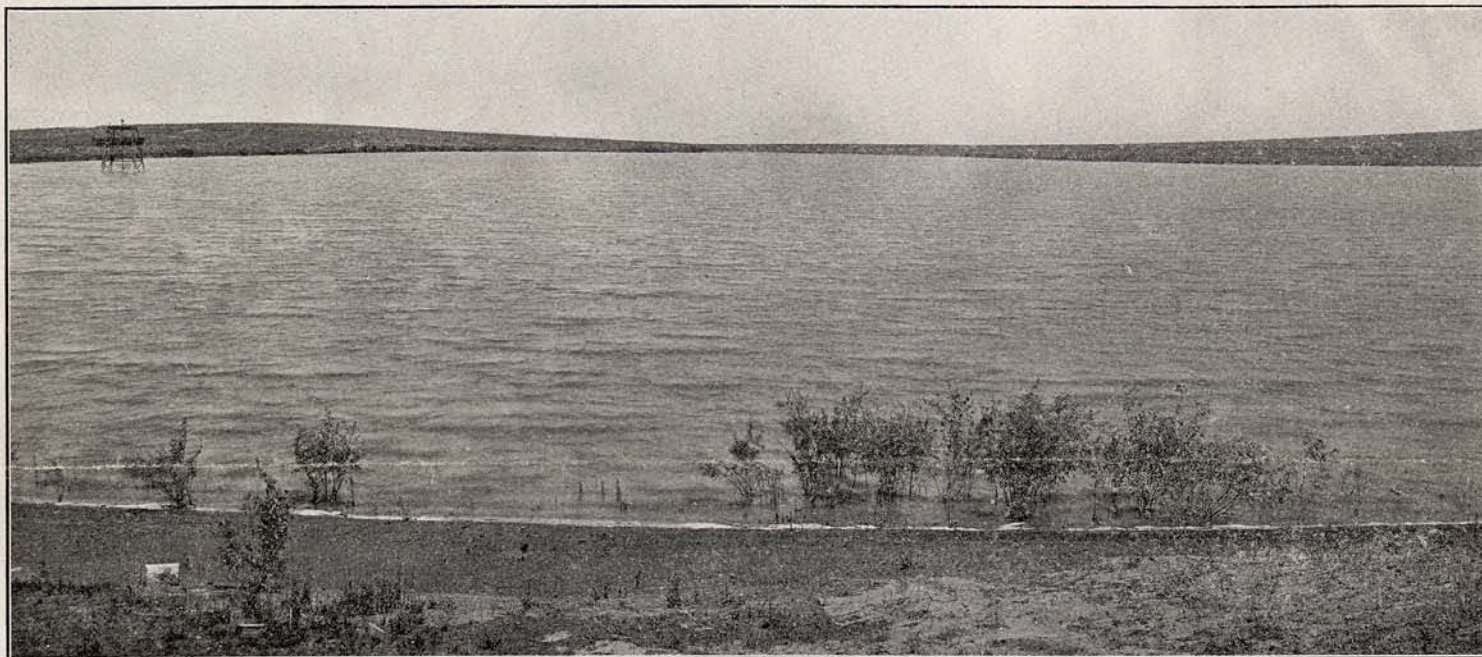
arations are made to build such a highway here, Mr. Hill will probably be willing to come here and give advice in the matter. Aside from the nine and one-half miles of trunk line which it is proposed to build, as many more miles or more of other streets will be improved immediately with some type of less expensive but serviceable road.

Here as elsewhere it is expected that a system of hard-surfaced roads will practically solve the transportation ques-

6 cents on every 100 pounds, or a total of \$54,000, the first season. The rock material used there is similar to the basaltic rock found here, but it is not all as good as here.

It is estimated that the cost of the road-making equipment here needed will not exceed \$5,000, leaving a considerable sum above that required for the main line of highway for the other streets.

After hearing the reports of the commissioners, it was decided, by a vote of



VIEW OF MAIN RESERVOIR, "A", LEWISTON ORCHARDS. (SEE PAGE 5).

members of the commission, Messrs. P. W. Clark, R. S. Erb and Tracy Keedy, made a tour of investigation, visiting Portland, Oregon, and Maryhill, Wash. At the latter place they were the personal guests of Samuel Hill, the world-famous road builder. Three types of highways were examined: The patent pavement, seen in the city and suburbs of Portland; the macadam, which is found in several forms; and the Hill types of roads, at Maryhill and elsewhere. Of all these, the commissioners agreed that but one was available and desirable for the Lewiston Orchards district, and that was the one known as the Topeka specifications, of which Mr. Hill has built a demonstration section of 10 miles at Maryhill. This has a macadam foundation, with an asphaltum binder. This was built by Mr. Hill at a cost of about \$9,000 a mile, but it is believed that conditions here will admit of its construction for from \$6,000 to \$8,000 a mile, and perhaps less. If prep-

tion. Mr. Hill told the commissioners that the Topeka type of road ought to last from 10 to 20 years. The ordinary macadam road goes to pieces within a few years, as it will not withstand the traffic of auto travel. It is folly to build cheap roads. It is estimated that the ten miles of Topeka road built by Mr. Hill at Maryhill saved the farmers of the county

more than two to one, to authorize the commissioners to call for an election for the issue of \$100,000 in bonds. It is expected that the location of the trunk line of highway will also be decided by popular choice.

The bond election has been called for April 25.

DISCUSSION OF MARKETING.

By special invitation, Secretary H. C. Sampson of the North Pacific Fruit Distributors, on the afternoon of March 27, addressed the people of the Orchards, the meeting being under auspices of the Lewiston Orchards Association. For nearly three hours, Secretary Sampson spoke in highly interesting and instructive manner. He reviewed the conditions prior to and since the formation of the Distributors, outlined the problems that have confronted the growers in the marketing of their produce, told of what

the Distributors had already accomplished and showed what great good could be accomplished by the power of large organization, in co-operative effort.

The question of affiliation with the Distributors this season will be considered by the Association at a later meeting.

By a vote of 273 to 68, the people of the Lewiston school district voted, on March 14, in favor of the issue of \$25,000 in bonds for the erection of a high school building.