

5000 PEOPLE IN WASHINGTON COUNTY READ THE HATCHET. DO YOU?

Washington County Hatchet

PROTECTION

To Home Industries Means Supporting The Paper Printed All At Home.

"We'll hew to the line, let the chips fall where they may."

VOL. I, No. 18.

FOREST GROVE, OREGON, THURSDAY, AUGUST 8, 1895.

THREE CENTS A COPY.

DIRECTORY.

STATE OF OREGON.

Governor: Wm. F. Lord
Secretary of State: Harrison R. Kincaid
Treasurer: Phillip Metchum
Supt. Public Instruction: M. Irwin
State Printer: W. H. Lewis
Supreme Court: Chas. E. Wolverton
K. S. Brown
F. A. Moore
Judge Fifth District: T. A. McEneaney
Attorney Fifth District: W. N. Barrett

WASHINGTON COUNTY.

Judge: B. P. Cornelius
Commissioners: D. B. Reardon
T. G. Todd
Clerk: R. B. Goodin
Sheriff: H. F. Ford
Recorder: E. L. McCormick
Treasurer: J. W. Sappington
Assessor: George H. Wilcox
School Superintendent: Austin Craig
Surveyor: W. D. Woods
Coroner: W. D. Woods

CITY OF FOREST GROVE.

MAYOR: Hon. S. Hughes
COUNCILMEN: L. C. Walker, President; E. B. Sappington; D. C. Stewart; Geo. L. Smith; C. L. Large; T. C. McNamee.
RECORDERS: Aaron Wells; J. C. Greer.
MARSHAL: John Striplin.
E. B. Sappington: Fire Warden
S. Hughes: Justice of the Peace
H. B. Sappington: Constable
John Bailey: School Directors
Geo. L. Smith: Clerk
Aaron Wells: Supt. of School

Church Directory.

CONGREGATIONAL CHURCH. A. ROGERS, PASTOR. Services every Sunday at 11 a. m. and 8 p. m. Sun day school at 10 a. m. Junior League every Tuesday evening at 7:30 p. m. Young people's meeting one hour before Sunday evening service. Strangers are always cordially welcomed.
METHODIST EPISCOPAL CHURCH. REV. D. A. WATERS, PASTOR. Services every Sunday at 11 a. m. and 8:30 p. m. Sun day school at 10 a. m. Junior League every Tuesday evening at 7:30 p. m. Epworth League at 8:30 p. m. Sun day school at 10 a. m. Prayer meeting 7:30 p. m. Thursday.
CHRISTIAN CHURCH. Regular service every Sunday at 11 a. m. and 8:30 p. m. Sun day school at 10 a. m. Prayer meeting Thursday evening at 7:30 p. m. Sr. Y. P. S. C. E. Sun day evening at 8:30 p. m. Jr. Y. P. S. C. E. Sun day afternoon at 4 p. m. Sylvia Edwards, president. The public are cordially invited to all these meetings.
BAPTIST CHURCH. F. E. SCOFFIELD, PASTOR. Services on the first and third Sunday of the month at 11 a. m. and 8 p. m. Sun day school at 10 a. m. Each Sunday. W. A. Robb, superintendent. Prayer meeting on Thursday evening at 7:30.
Post Office of Forest Grove. W. H. CROSBY, P. M.
ARRIVAL AND DEPARTURE OF MAILS. To and from Portland and all points: Depart 6:25 a. m. Arrives 9:30 a. m. To Corvallis, Salem and all points on the West Side: Departs 8:25 a. m. Arrives 4:30 p. m. To Greenview, Manning, Buxton and Vernonia: Arrives 12 m. Departs 1 p. m.

Civic Societies.

A. O. U. W.—Forest Grove Lodge No. 50. A. O. U. W. meets every Saturday evening in Odd Fellows hall. Sr. J. W. Thayer, president. Visiting members invited to all meetings. Joe Bailey, M. W., W. C. Hoyt, recorder.
K. of P.—Delphos Lodge No. 39. K. of P. meets every Saturday evening in Masonic hall. All members of this organization are cordially invited to all meetings. Joe Bailey, M. W., W. C. Hoyt, recorder.
WASHINGTON LODGE, No. 48. I. O. O. F. meets in its hall every Monday evening. Visiting brethren welcome. Sec. C. C. McNamee, N. G. A. L. Macdonald, Rec. Secy.
FOREST REBEKAH LODGE, No. 44. I. O. O. F. meets in Odd Fellows hall on the first and third Wednesday of each month. Visiting members welcome. Miss Blanche McNamee, N. G. Ch. indler, R. C. Secy.
HOLBROOK LODGE, No. 36. A. F. and A. M. meets in its hall on Thursday or before the full moon of each month. Chas. Hines, W. M. Geo. Briggs, Secy.
FOREST GROVE LODGE, No. 119. I. O. O. F. meets every Saturday in E. O. G. hall. Visiting members invited. Mrs. L. L. Griffin, C. T. C. H. Wefel, Secretary.
FOREST GROVE CAMP, No. 98. Woodmen of the World, meets in Odd Fellows hall every first and third Saturday. Visiting neighbors invited. H. H. Clark, C. C. S. G. Morgan, Clerk.
J. B. MATTHEWS POST, No. 6. A. G. O. R. meets in Masonic hall the first and third Wednesdays of each month. Elias Smith, P. C. O. K. Downs, Adj.
COLUMBIA LODGE, No. 11. D. of H. meets in Odd Fellows hall, the third Tuesday of each month. Mrs. Ed. Buxton, C. of H. Mrs. J. T. Shannon, Sec.
DELPHI TEMPLE, No. 7. Bathing Sisters, meets in Masonic hall the second and fourth Wednesdays of each month. Visiting members welcome. Miss Belle Clark, M. E. C. Mrs. Geo. Smith, M. of R. and C.
J. B. MATTHEWS POST, No. 11. Women's Relief Corps, meets alternate Thursdays, Aug. 8th and 22nd and Sept. 6th and 19th in Odd Fellows hall. Mrs. Eliza Crosby, Pres. Mrs. Myra E. Greer, Secy.
GREENLEY REPUBLICAN CLUB—For the advancement of Republican interests here and elsewhere. Meetings on call. Gen. T. J. Therp, president. Austin Craig, secretary.

W. C. T. U. Local branch meets 1st and 3rd Tuesday at 1 o'clock in Woods & Caples' hall. Mrs. E. H. Marsh, Pres. Mrs. Pratt, Secy.

ALERT HOOK AND LADDER CO. No. 1.—Aaron Wells, president. Burnce Stewart, vice-president. C. O. Roe, secretary. E. B. Sappington, treasurer. E. B. Sappington, chief. H. B. Johnson, fireman. H. H. Clark, 1st assistant. Joe Bailey, 2nd assistant.

FOREST GROVE FREE-THOUGHT LIBRARY and reading room is open every Thursday and Friday afternoon and evening. Mrs. A. E. Barker, librarian.

FOREST GROVE BAND. Uniformed, nine-teen pieces. Meets Wednesday and Friday of each week. W. Baldwin, pres. L. C. Greer, sec.

GLENCOR LODGE, No. 22. K. of P. meets in its castle hall, Glencoe, every alternate Saturday. Visiting brothers welcome. R. Davis, C. C. J. S. Jackson, K. of R. and S.

FOREST GROVE LIBERAL CHURCH hold regular services every alternate Sunday in Vets. Liberal hall at 8 p. m. Sunday school 10 a. m. Mrs. A. E. Barker, lecturer.

FOREST GROVE TENT, K. O. T. M. meets Tuesdays in Masonic hall. Solourning knights invited. Austin Craig, K. C. L. L. Langley, K. K.

FOREST GROVE FIRE DEPARTMENT. ALARMS—GENERAL ALARM—Rapid tapping of the bell. The location of the fire will be indicated by the number of full taps given between two general alarms—corresponding to the number of wards whose limits are given below. Call for drill—Three taps, pause, three taps, pause, three taps. Call for meeting—Five taps.

WARD LIMITS. First ward—North of Pacific avenue and east of College Way. Second ward—North of Pacific avenue and between College Way and B street. Third ward—Naylor's addition. Fourth ward—Between Pacific avenue and Second avenue south. Fifth ward—Between Second avenue and South Park addition. Sixth ward—South Park addition.

Portland Market Report. REVISED WEEKLY. Dried Fruits. Apples—Evaporated, 100, sun, 8c. Apples—Evaporated, bleached, new, 5 to 5 1/2c; unbleached, 4 1/2 to 5c; sun 4 to 5c. Peaches—Evaporated 7 to 9c; sun, 5 to 6c. Plums—Pitted, evaporated, 4 to 5c; sun, 4 to 5c. Prunes—Italian 6 to 7 1/2c; French, 3 to 4c.

Produce. Raisins and Raisins. Raisins—Oregon ranch, 10c. Raisins—Piney old lens \$1 to \$1 25 per dozen. Raisins—Dried, 12c to 14c; raisins, 12c to 14c. Raisins—Dried, 12c to 14c; raisins, 12c to 14c.

Meats. Hams—Medium 11 to 12 1/2c; dried beef ham, 15c; short ribs, 12c; short clear sides, 10c; dry salt sides, 15 to 20c. Lard—Compound, in tins, 7 1/2c; pure, in tins, 8 to 9c. Pigsfeet—8c; 4 to 4 1/2; 2 1/2; 1 1/2.

Butter and Cheese. Butter—Fancy creamery, 20 to 22c per roll; choice dairy 20 to 22c; Tillamook 17 1/2 to 20c; fair good, 18 to 20c; common, 12c; prime, 18 to 20c per roll for No. 1; store, 10 to 15c per roll. Cheese—Oregon, 10 to 11c; 11c; 12c; 13c; 14c; 15c; 16c.

Vegetables. Onions—Onions, 6 to 7 1/2c per sack; California, 12 to 13c. Potatoes—Idaho, No. 1 fancy, 25 to 40c per sack; other kinds, 15 to 25c; new, 40 to 60c. Turnips—1 per sack; cabbage, 1/2 to 1 1/2c per lb.

Hay and Feed. Hay—Choice timothy, 45 to 50c, mixed 45 to 50c; cheat 45 to 50c; grain hay 50 to 55c; bran \$1.50 per ton, shorts, 21c per ton. Barley—Steady. Quote: Feed 75 to 80c per cental, brewing 80 to 90c per ton. Oats—Demand good for choice grades. Quote: Feed 27 to 28c per bushel; seed 25 to 30c per bushel; grey 25 to 30c for choice.

Poultry. Eggs—Oregon ranch, 10c. Poultry—Piney old lens \$1 to \$1 25 per dozen. Poultry—Dried, 12c to 14c; raisins, 12c to 14c.

Meats. Beef—Gross, top steers \$1 to 1 1/2c, fair to good steers, \$2.50 to 2.75, cows \$2.50 to 2.75, dressed beef 5 to 7c per lb. Veal—Dressed, small 5 to 7c, large 3 1/2 to 4 1/2c per pound. Mutton—Gross, best sheep wethers, \$2.50 to 2.75, ewes \$2 to 2.50, lambs, live, 3c per lb. Hogs—Gross, choice, heavy \$3.50 to 3.75, light and feeders, \$3.50, dressed \$4.

Flour. Flour—Snowflake \$2.50, Portland \$2.50, Dayton \$2.50, Gold Drop \$3.10, Graham \$2.45 to 2.55. Wool—Valley, according to quality, per lb. 12 to 14c, Eastern Oregon and Washington 7 to 10c.

Hops. Hops—Choice 5 to 6c, medium 2 to 4c.

Market Quotations. FOREST GROVE. CORRECTED WEEKLY BY GREER THE GROCER. PRODUCER'S SELLING PRICE. Butter—5 to 10 cts. per lb. Eggs—20 to 25 cts. per doz. Cheese—10 to 15 cts. per lb. Bacon—sides 10 to 15 cts. per lb. Ham—10 to 15 cts. per lb. Shoulders—6 to 8 cts. per lb. Lard—6 to 8 cts. per lb. Potatoes—20 to 30 cts. per hundred lbs. Onions—10 to 15 cts. per hundred lbs. Beans—10 to 15 cts. per lb. Apples—20 to 30 cts. per doz. Dried Apples—4 to 6 cts. per lb. Dried Peaches—4 to 6 cts. per lb. Yellow—10 to 15 cts. per doz. Chickens, old—10 to 15 cts. per doz. Turkeys—10 to 15 cts. per doz. Geese—10 to 15 cts. per doz. Hides—10 to 15 cts. per lb. Sheep Pelts—10 to 15 cts. each. Beef—10 to 15 cts. per lb. Mutton—10 to 15 cts. per lb. Pork—10 to 15 cts. per lb. Wheat—10 to 15 cts. per bushel. Oats—10 to 15 cts. per bushel. Hay—10 to 15 cts. per ton.

Market Quotations. FOREST GROVE. CORRECTED WEEKLY BY GREER THE GROCER. PRODUCER'S SELLING PRICE. Well complete \$3 000 00 Tower and tanks complete 3 500 00 Two duplex pumps complete 1 000 00 Mains, fire-rings and hose complete 10 000 00 Electric light plant, including power complete 12 000 00 Total \$30 000 00 Operating expenses per annum: Fuel \$1 000 00 Engineer .500 00 Assistant engineer and trimmer .500 00 \$2 000 00 Add interest on bonds 1 500 00 Total \$3 500 00

DR. NIXON, DENTIST, FOREST GROVE OREGON. Hours 9 a. m. to 4 p. m. Main Street.

L. C. WALKER, CIVIL ENGINEER, Conveyancing and Surveying, Titles Examined, Notary Public. OFFICE, PACIFIC AVENUE, Next Hughes & Son's Hardware Store.

PIONEER STABLES.

RIGS FOR . . . Commercial Men, Hunters and Fishers . . . A Specialty.

Headquarters for Tillamook Stage Line.

H. B. JOHNSON, PROP.

Go to GREER'S

FOR ALL KINDS OF . . . Groceries, Glassware and Stoneware, Table and Pocket Cutlery, Spoons, Brooms, Mop Sticks, Butter Moulds, Ladles, and Wood and Willow Ware of all kinds, Fishing Tackle and all Kinds of Seeds.

Tea and Coffee a Specialty.

S. HUGHES & SON,

DEALERS IN Hardware, . . . Stoves and Tinware

Also Plows, Wagons, Buggies and Carts. McCormick Binders and Mowers. Horse Rakes and all kinds of Farming Implements.

Pacific Ave. FOREST GROVE.

Notary Public Fire and Accident Insurance Justice of the Peace Loans, Collections

J. I. KNIGHT,

General Fire Insurance

and Loan Broker.

HILLSBORO . . . OREGON

CHAS. K. JACKSON H. W. SCOTT, Notary Public

H. W. SCOTT & CO.

REAL ESTATE,

Homestead and R. R. Lands Located.

U. S. Land Office Business a Specialty.

Ingles Block, FOREST GROVE.

Professional Cards.

W. G. COLE, PH. G., M. D., PHYSICIAN AND SURGEON, Telephone No. 3. Forest Grove.

W. N. BARRETT, L. K. ADAMS, BARRETT & ADAMS, ATTORNEYS-AT-LAW, HILLSBORO, OREGON. OFFICE, Central Block, Rooms 6 and 7.

DR. NIXON, DENTIST, FOREST GROVE OREGON. Hours 9 a. m. to 4 p. m. Main Street.

L. C. WALKER, CIVIL ENGINEER, Conveyancing and Surveying, Titles Examined, Notary Public. OFFICE, PACIFIC AVENUE, Next Hughes & Son's Hardware Store.

DEEP WELLS.

CITIZENS' COMMITTEE REPORT.

Holly 8 stem and City Ownership of Electric Light Plant.

The citizens' meeting to hear the report of the water committee was held, according to notice previously given in the local papers, Saturday night in Vets hall. The house was only partially filled when at 8:40 Chairman Rider of the committee called the assemblage to order and proposed David Smith for chairman. Mr. Smith was elected and assumed the chair. Austin Craig was chosen secretary. In answer to the chairman's request Mr. Rider stated the object of the meeting was to hear the report of a committee, Messrs. Rider, Wm. Kane, L. C. Walker, Geo. L. Smith and A. Rogers, appointed at a previous meeting to investigate the practicability and feasibility of water works for Forest Grove. The unanimous report of the committee was read.

FOREST GROVE, OR., Aug. 31, 1895.

To the Mayor and Citizens of Forest Grove:

Your committee on water supply, appointed at a citizens' meeting held in this hall July 6th, would respectfully submit the following report: Three propositions, as follows, have been considered: First, to bring Rhoderic and Prickett creeks into the city through iron pipes and supply the city by the "gravity" system. Second, to bring in through an open flume Gales Creek and use a portion of the water as a power to pump a sufficient amount into elevated tanks to supply the city. Third, a deep well with the Holly system of pumps, direct pressure, etc.

The Rhoderic creek proposition was the first considered. A delegation from the committee, in company with an expert engineer, visited Rhoderic creek, measured the water and estimated the cost of bringing it into the city through iron pipes. The engineer expressed to the members of the committee that in his judgment there is at present enough water flowing down Rhoderic creek alone to supply eight thousand people. He estimated the cost of bringing the water through iron pipes into the city at \$24,000. Your committee is inclined to believe with the engineer, that there is a sufficient amount of water flowing in the two creeks at the dryest season of the year, to supply a greater number of people than our city contains at present.

Your committee next took up the second proposition, namely, Gales creek as a water supply. A level was run from the Crescent flouring mill, taking as a point to reckon from the top of the flume cap above the mill. It was found that at the western terminus of Pacific avenue the elevation was greater by fifteen feet than at the point above the mill, thus practically precluding the possibility of bringing Gales creek into the city at any available point.

Your committee also investigated the practicability of using Gales creek as a power to operate the Holly system and found that the cost would by far exceed the benefits gained.

The third and last proposition was the deep well and Holly system of direct pressure. Your committee visited the Hillsboro water and electric light works and through the courtesy of Mr. Gates, the owner, was given in detail all the workings of the plant, the cost of construction, the capacity and the operating expenses. Also the mistakes, which were but few, and with one exception, of but little importance. The great and irreparable mistake was allowing the ownership to pass into private hands.

Your committee does unanimously and unhesitatingly recommend that a system of water and electric light works similar to the one now in operation in Hillsboro be constructed for the use of the citizens of Forest Grove and to be owned and operated exclusively by the city. Your committee would further recommend that the mayor and board of councilmen be instructed to take immediate steps necessary to sell bonds to raise the sum of \$50,000 to pay the cost of construction of said system of water and electric light works.

Your committee in estimating the cost of construction and the operating expenses have been governed largely by the cost and operating expenses of the Hillsboro works. The estimated cost of construction in detail is as follows:

Well complete	\$ 3 000 00
Tower and tanks complete	3 500 00
Two duplex pumps complete	1 000 00
Mains, fire-rings and hose complete	10 000 00
Electric light plant, including power complete	12 000 00
Total	\$30 000 00
Operating expenses per annum:	
Fuel	\$1 000 00
Engineer	.500 00
Assistant engineer and trimmer	.500 00
Total	\$2 000 00
Add interest on bonds	1 500 00
Total	\$3 500 00

Estimate of revenue:	
Water to families @ 50 c per month	\$ 600 00
Water for gardens, lawns etc.	600 00
1000 incandescent lamps @ 25 c per month	2 500 00
Total	3 700 00
Deduct expense from revenue	3 300 00
Leaves a balance of	400 00

Your committee is firmly of the opinion that the cost of construction and expense of operation will not exceed the estimates, but will be more likely to fall short of the figures given, and that the estimated revenue will exceed rather than fall short of the figures.

G. C. RIDER, Chairman of Com.

NOTE—The intended meaning of a deep well is, first, a well 50 feet in depth and 12 feet in diameter when complete, the walls cemented one foot in thickness and the bottom three feet. Cement curbing to extend three feet above ground. A six inch iron pipe to be sunk through the cement in the bottom of the reservoir well to a depth of one hundred or more feet, thus precluding all possibility of surface drainage entering the reservoir (or large well).

Mr. Rider stated that so few were present that their sentiment would not be a fair expression of the citizens' feeling in the matter. He alluded to the need of water, and that the committee had done their work fairly and faithfully.

Mr. N. J. Walker spoke of the sickness prevalent here during the past winter as his reason for favoring water works. Moved and seconded that the report of the committee be adopted. Unanimously carried.

Mr. Rider stated that the committee had invited all who had any suggestions to make to communicate them to the committee. Many favored the gravity system and so did the speaker wherever that system is practicable but here it is not practicable. There is a widespread prejudice against the water of Rhoderic and Prickett creeks because it is alleged they head in a marsh and that the cattle get into the water. Objections are also made to Gales creek. There are objections to the deep well but they are found to be few. Little was thought of the deep well at first but when investigated that was found to be the only practicable and self sustaining system.

The gravity system would involve great expense and alone would not pay for itself. The deep well or Holly system with the electric light plant would be self sustaining and of moderate cost. The Holly system in other places was investigated and found satisfactory wherever in use. The committee started out with a diversity of opinion but ended unanimously in favor of the deep well. Calculation had been made to provide water for every citizen. Income was estimated at \$2000 a year: \$600 from 100 families at \$50 cents a month for water for domestic use; \$500 from those using it for other purposes; \$900 from 1000 incandescent lamps at 25 cents a month. Expenses were put higher than in Hillsboro and still \$300 a year would be left for incidentals. Citizens get good, pure water at slight cost and electric lights for less than the expense of coal oil, the city gets its street lights free and water for fire service free, giving good protection against fire and saving to the city government about \$1500 a year.

Dr. Rogers said the longer the people use the water here the more dangerous it becomes. Well water in a large community is unsafe. Wherever running water has been introduced sickness has diminished.

Mr. Macrum, being called upon, said he was present only by courtesy and could claim no interest as a citizen but believed running water an important matter.

Mr. Kane stated the estimate on the well was for the well cemented down so far that the surface water could not run in.

Dr. Rogers told a statement of Prof. Sedgwick of Boston Technology to him that water passing through six feet of sand would be freed from every possible impurity.

Mr. Shipley believed the gravity system the best and that if competent men had been put on the committee it would have been found feasible. He wanted water but wanted the best, did not favor wells.

Dr. Rogers said it was absurd to tell about cows getting into the water as there were obstructions that would prevent it. As to the decomposing vegetation, running through marshes and by roots, they did not make any real drawback as there was the remedy present there which destroyed the detrimental germ.

Melki Johnson said he did not care whence the water came so long as it was good. Complimented the committee on the thoroughness of their report. Water supply would give standing to the city, would give better health to the citizens. He favored the well system as the cheapest way of getting good water. The fuel used would afford a market here for

wood and merely circulate money at home.

Mr. Rider stated the reservoir well would be 50 feet deep, walled with a concrete wall and be 12 feet across in the clear. From the bottom they would drill down until pure water was reached. The pipes would be cemented around so no surface water could get into the well. The committee made up for whatever deficiencies in ability they may have had by greater time and labor given to investigation. He knew of no city that had ever used a deep well that had changed it for other systems. In Portland now the Oregonian, Marquam Grand and Hotel Portland are using deep wells.

Austin Craig spoke in favor of the Holly or deep well system as the best available.

Mr. Baldwin said all were in favor of good water as cheap as possible and in plenty. As far as Forest Grove was concerned he had no confidence in deep wells here. He had sunk a well at the brickyard getting sufficient water but not good. If the city is to depend on deep wells every man can have one of his own. He himself has one in South Park 35 feet deep. If the city is to be bonded, pure and abundant water is needed.

Mr. Rider explained that by deep wells was meant not 35 foot wells but wells from 200 to 500 feet deep.

Mr. Shipley stated that he was informed that at certain seasons of the year the wells in the neighborhood of the Hillsboro big well all went dry. It got the drainage of a certain part of the town.

Mr. Rider said that this had gotten before the council and that Geo. L. Smith and L. C. Walker, members of the council and of the committee, Rev. A. Rogers and Mr. Rider had visited Hillsboro and investigated the report and found there was no truth in it. The big well did not affect the smaller wells.

Mr. Shipley replied that his authority was a Hillsboro citizen.

In answer to a question it was stated that the well at Hillsboro out of which the water was being used was 180 feet deep.

Mr. Rider said as the work of the evening had been done, it only remained to urge on the council to take action to provide for a bond election. He had no personal interest, it was with him only regard for the city's welfare. He himself drank the water here but had his children they would never be allowed to drink it.

On motion adjourned.

THE PLAIN TRUTH. A Well Informed Citizen Talks of "About the City's Condition and the Relief."

EDITOR HATCHET: If the action of the meeting last Saturday on the report of the committee on water supply is a fair indication of the sentiment of the people, it must be that all, or nearly all, are in favor of the plan as recommended by the committee; as the vote on the adoption of the report was unanimous.

I think the plan adopted by the meeting the only one that could be formulated that would give general satisfaction, and I believe that every tax payer in the city will be able, after carefully studying the plan, to see that it is the best that could be offered under present circumstances. It certainly is the only self-sustaining plan yet offered and for many reasons ought to be adopted. There is no other way we can obtain the same results without adding to our already burdensome taxes. Any gravity system will cost more to complete than the charter allows us to borrow, and when completed would not sustain itself without the aid of the electric light system, but would heap upon the tax payers, in addition to the burdens they are already carrying, the interest on the bonds. The plan offered by the committee opens a way by which the present burden can be removed and at the same time give us a splendid system of electric lights and water supply.

These statements are not jumped at conclusions or the result of visionary dreaming, but honest convictions based upon thorough investigation. The committee was composed entirely of citizens of Forest Grove, who, in the event of a mistake, must suffer alike with the average citizen, and while it was not composed entirely of graduates from Yale, with high scientific attainments, some of its members are able to do a simple problem in mathematics, to run a level, to calculate the cost of a plain wooden structure of given dimensions, the probable cost of putting a hole down in the earth of a given depth and width, the cost of a mile of iron pipe laid two feet in the ground, when they have the exact cost of one thousand feet so laid. Also the cost of steam engines, boilers, machinery used to afford a market here for