THE MORNING OREGONIAN, MONDAY, FEBRUARY 15, 1909.

OIL IN WILLAMETTE VALLEY

K. M. BRERETON FINDS TRACES OF PETROLEUM.

Geological Formations Similar to Those of Oil-Bearing Districts

of California.

(From The Oregonian December 28, 1908.) WOODSTOCK, Or., Dec. 27.-(To the Editor.)-The enclosed data form the basis of my bellef in the probability of petroleum being found in the Willamette Valley.

In 1871-72 I saw the seacoast of California, from Santa Barbara to San Diego, fridescent with petroleum, and reported to W. C. Raiston and others that California would be found a great oil region. Their eyes and minds were then so full of the gold placers and the Comstock mines that they paid no attention.

It was much the same with my great irrigation project in the San Joaquin Valley, when the whole of it was a semi-arid region. In both of these I was about 20 years too early in advocating exploitation, but the present outome shows I was entirely correct.

The data fellows:

First-The geological formations of West-im Oregon are in the same relative se-quence as those existing in the oil regions of California, visi (n) cretaceous, (b) soana, (c) miscene.

206. (c) miscence.
Second--The most productive of petroleum n these in California today lie within the pper miscene tertinary formation.
Third--The whole of the Tualatin and amhill valleys within the counties of Vashington. Tambili and Folk lying west if the Willameto River are in the miscene ormation. The same formation exists easi if the river along the western slope of the mender appe, north from Eugene to the inchanas River.
Fourth--The shales and sundatones

The transmission of the western slope of the fiver along the western slope of the frames range, morth from Eugens to the inclearnes filter.
 Fourth-The shales and distances region are fully from the same form and the same frames in the first start is revealed the frames and all toranceous as a new hore in California. This fact is revealed the frames are after the fact is revealed the frames are after the fact is revealed the first start is revealed to the frames are after the same county. The fact is revealed the first start is revealed to the frames are after the same county. The fact is revealed the first start is revealed to the frames are after the same county and the same county. The same the same county is also at North Familie at the south end of Wepsato Lake, and all carlos, in the same of the same county and the same county. I same the same for water on the farm I has between wells for water on the farm I has between the start are that I have been readent in Ore-room. I have collected spectments of million and the same count of points. Among these the frame shales and consists from all the shower mentioned points. Among these the transmitter of points from coal in the first water of points from coal in the first water of points and shales from all the product of mattine vegetation and the preduct of the sum of the first water before the preduct of the sum of the first water to be the preduct of the frame the same formation. In Feith and Yamilli Counties lies 18 the pride of the first water before a pullif of the Revely Mountain Banne. The shift start of the Manne first shift start between the start of the more shift start before the pride of the frames the shift with the pride of the first shift start before the pride of the first start before the print the same for

int investigation. Elabith — The miocene strata are far more tendive in area and dopth in Eastern regen than they are in Western Oregon; it there they are covered with a great pith of baselite lava flows and fresh-ter deposits, which would make any ex-cation work far more expensive than in e. Williamette Valley.

is Williamette Valley. Ninth-The California ofi-bearing strata we been traced and exploited in Humbeidt party. I have found the miscene strata Curry County, the so-called "pitch-coal" und in Cors County is an aphalit (pe-oleum analysis) and not a lightle coal ac Nehalem and the Cowlitz coal are in a eccene formation.

CALIFORNIA PRODUCED \$29,000,000 CHAS. E. LADD SAYS: WORTH OF OIL IN 1908. Mr. H. A. Cushing, City .- Dear Sir: And there are producing fields in both British Columbia and Alaska to the

Mr. H. A. Cushing, City.--Dear Sir: Replying to your inquiry concerning Mr. R. M. Brereton, I take pleasure in advising you that he has done considerable work for me, and I have always found him to be honest and capable, and think that his judgment is conservative and can be relied upon. Yours truly. CHAS. E. LADD. north of us. It has been found in Wyoming and Colorado to the east, and who will assume that the coun-try is barren between all these points? We firmly believe that we have it within fifty miles of Portland on lands covered by our leases. THERE'S ONLY ONE WAY

There is but one way for a poor man to escape ETERNAL poverty. Save up a little money and put it to work for himself. Do not rent it to the banker at 4 per cent and let it work for him and earn 100 to 1000 per cent. Invest it yourself in profitable stocks and let it grow.

WE HAVE 6500 ACRES OF LAND.

We have 6500 acres of prospective oil lands now under lease, and we are not going at this job with a posthole auger, the required depth to find it.

ONE HOLE would not develop a new oil field, so we'll bore at least For Portland. We have select-THREE and possibly FIVE. We ed our Manager from the Oilare going to sell enough stock for that purpose, and we're GOING TO but with machinery that will go GET OIL! It will be wise for Drillers will be the best that everybody to bear this fact in mind. money can hire.

WE'LL BORE SEVERAL WELLS | WE'RE AFTER OIL AND NATURAL GAS

Andrew Sherwood, a Distinguished Geologist from the Oil Region of Pennsylvania, Will Have Charge of the Company's Work in the Field, and Will Direct the Location and Sinking of the Test Wells

WE'RE AFTER OIL AND NATURAL GAS FOR PORTLAN

WHO'S ANDREW SHERWOOD !

WHO'S ANDREW SHERWOOD f (Who's Who in America, Portland Public Library.) ANDREW SHERWOOD-Geologist; born Mansfield, Pa, July 16, 1845; educated State Normal School and old Chicago University; connected six years with geological surveys of Ohio and New York, under J. S. Newberry and James Hall; Aslistant State Geologist second geological survey of Penn-sylvanis; in charge Pennsylvania mineral exhibit World's Columbia Exhibi-tion, Chicago, 1855; leader of expedition to Yukon, 1858; delegate from Penn-sylvania to National Prohibition Convention, Indianapolis, Indiana, 1888; Prohibition candidate for Congress 1894; member American Philosophical Society; member American Forestry Association; member American Associa-tion for the Advancement of Science; corresponding member New York Academy of Sciences; author of geological works published by the State; author numerous newspaper and magazine articles; United States Deputy Mineral Surveyor, and

HE'S VICE - PRESIDENT AND FIELD MANAGER OF THE PORTLAND

HE'S VICE - PRESIDENT AND FIELD MANAGER OF THE PORTLAND OIL AND GAS COMPANY. Only the names of GREAT men are in that book — "Who's Who in America"—and if it were not a great book it would not be in the library. By references to its pages any one can readily find out who IS who in this country. Mr. Sherwood can't to Oregon some time ago on a visit to his son, principal of the Terwilliger School, and upon ascertaining his great ability as a geologist he was engaged to make a critical geological examina-tion of a large tract of country in the Willamette Valley, with a view of ascertaining the probability of the existence of patroleum, gas or coal de-posits beneath the surface of the earth in that section. For years it had been rumored that the formation here was identical with that of California's oil-producing section, and this investigation was to be made with the sole object in view of ascertaining the facts in the case, and sinking for oil if the reports were favorable. We therefore have pleasure in appending hereto

MR. SHERWOOD'S REPORT IN FULL.

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rise over the anticlinals. I have been thus explicit in the matter of the geological structure of the region for the reason that the existence of oll depends so largely upon structure. Of the three fluids found in rocks formation-namely, water, oil and gas-water is the heaviest, and because of its greater specific gravity will naturally be found at the bottom of a synclinal trough. A well located there would very likely go into water, and might even develop an artesian or flowing well, because of hydrostitic pressure. Next in density, being lighter than water, is oil, which will be found collected in the slopes and at a higher level than the water where the strata are gently dipping. But the greatest flow of gas, the lightest of the fluids, may be looked for higher up the slope, even to the top of the anticlinal arches, it being in just such loca-tions that the great "gassers" of Western Pennsylvania occur. It will be seen, therefore, that the contour of the surface, that is to say.

tions that the great "gassers" of Western Pennsylvania occur. It will be seen, therefore, that the contour of the surface, that is to say, the topography, may have little or nathing to do with the existence of oil. An experienced oil man will be governed entirely by the underlying struc-ture, and will select an anticlinal arch, or the sloping sides of one, as a spot for locating his well, no matter whether the surface there is represented by a range of hills or a pleasant valley. Anticlinal arches are generally pre-ferred to synclinal basins by oil locators, for the reason that the latter struc-ture is generally encumbered with water. The geologist knows that in the synclinal basin, after a few hundred feet of drilling, on striking a thick porous sandstone, water will be encountered. So to be able to recomplice rock structure, or the position into which

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The foregoing, from so well-informed a source, ought to be an inspira-tion to every reader of this newspaper, and a well-spring of buoyancy to every clitzen of Portland and the Williamette Valley. But the company has fortified itself with the report of another eminent engineer-a man who has represented the greatest financial interests of citizene of this city in another direction. MR. BRERETON, AN OIL - GROUND EXPERT.

MR. BRERETON, AN OIL - GROUND EXPERT. Mr. R. M. Brereton, of Woodstock, a suburb of Portland, is a man of international reputation in the line of minerals and extensive irrigation projects. He was for years employed by the government of Great Britain in its work in India, and is given the credit of being the father of irrigation in California. Twenty years ago he urged upon California capitalists the wisdom of searching the carth for oil, in the identical territory now so pro-lific in that important product. But men's minds were turned entirely to gold, all other thoughts of profitable enterprise being subservient to this one effort. So the oil sglution became comatose and for more than two decades was permitted to enjoy the guietude of profoundest slumber. But Mr. Brereton's words were not forgotten. The spark he had kindled was at last fanned into flame, money was subscribed, a text-well put down, and

OIL BURST FORTH AS GEYSERS FROM THE EARTH,

and one of the monster industries of the Pacific Coast was born! Other wells followed "in million-dollar succession," and fabulous fortunes have been grown from the seeds of poverty of less than two decades ago. More than \$30,000,000 was received for California oils last year.

ANOTHER IMPORTANT REPORT.

ANOTHER IMPORTANT REPORT. Mr. Sherwood's report was made, and subsequently Mr. William McIntosh, a gentleman connected with a local bank, employed Mr. Brereton to make observations and report on the probability of oil and gas being found in practically the same territory covered by Mr. Sherwood, except that Mr. Brereton's observations extended to parts of Polk County. In this district this gentleman found strong evidences of oil deposits, set forth by himself, in his own language, as follows: Mr. William McIntosh, care Bank of Californis, Portland, Oregon-Dear SIr:

WILLAMETTE VALLEY OIL FIELD

In accordance with your request I have examined alleged indications of petroleum, in the forms of oll, gas, bitumen and asphaltum in Yamhill and Polk Counties, this state (Willamette Valley), between Whitson on the North

Poik Counties, this state (willamette valley), between willtool on the bound and Crawley on the South. I found the statements regarding the existence of fossils, bitumen and asphaltum in the exposed surface shales and sandstone rocks to be correct. I examined the country surrounding for many miles, and thus obtained a very fair idea of the general outlook for the production of petroleum from this region in the near future.

PRACTICAL OBSERVATIONS AND DEDUCTIONS.

PRACTICAL OBSERVATIONS AND DEDUCTIONS. The main and most convincing evidence afforded at the present time, from the view of surface indications, which is all that is visible to the eve and touch of man, is the richly fossiliferous and diatomaceous character of the exposed shales and sandstones of the district, and the anticlinal folds of the earth-crust. The fossilis tell the geological age of these formations, and the anticlines show the movements which have arisen since these sedi-mentary strata were deposited in horizontal layers, and formed the successive beds of the Pacific Ocean. During geological tertistry periods, and before the Cascade and Coast Ranges were upheaved, the fossilis show very distinctly that the formations belong to the milocene geological horizon, and so they directly correspond with the same formations in which the oil fields of California are found and established today. So far as I know, from personal observation, the most promising portion

established today. So far as I know, from personal observation, the most promising portion of this miocene area for present prospecting operations lies in the southeast corner of Yamhili County and in the east and northerst sides of Polk County. At Amity there is an east-west sour from the main range, and another to the south at Holmes' Gap. This latter trends southwesterly some 4 or 5 miles north of Dallas. The main range south trends toward Eola, on the Willamette river. The above described main range, together with Amity and Holmes' Gap spurs, form a horseshoe shape to the western slope of the range of the miocene upheaved formation. It is in these hills, and in their east, more especially, slope, that petroleum deposits will be found if they exist.

GEOLOGICAL OBSERVATIONS.

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I trust the foregoing information and observations will furnish you and your friends all the preliminary information you need. Yours faithfully. (Signed) R. M. BRERETON, M. I. C. E.

This report of Mr. Brereton was purchased from Mr. McIntosh by the Portland Oll & Gas Company, the latter acquiring all the interests of the former in the explorations of Mr. Brereton.

OTHER STRONG OPINIONS.

OTHER STRONG OPINIONS. In the book, "Elements of Geology," by Joseph LeConte, page 377, the following may be read: "It is a curious fact that petroleum is often associated with sait. It is so in Pennsylvania, in Virginia and in many other localities. I have said that petroleum and bluzmen are found in all fossillerous formations, but in each country there are certain formations where it especially abounds. In Europe it is found principally in the terthary, in eastern United States it is found almost wholly in the paleozoic below the coal measures; in Cali-fornia it is found in the tertiary. In Pennsylvania and Kentucky off is found in the upper devonian; in Canada and Michigan in the lower devonian; in West Virginia in the sub-carboniferous; in Ohio in lower coal measures, though it probably originated below; in California it is found in miccene tertiary of the coast range, all the way from Los Angeles to Cape Mendo-cino. These have been called "oil horizons."

Professor Thomas Condon, Ph. D., professor of geology in the University of Oregon, in his book, "Two Islands." writes that "Southwest of Forest Grove, where coast mountain streams cut through the millicene foothills, the fossils (indicative of petroleum) are again very abundant and very fine-

. Here are the opinions of FOUR men whose judgments are worthy of consideration. They are so worthy that the originators of the Portland Oll & Gas Company have expended several thousand dollars of their own coin in the formation of the corporation and in carrying it along to its present position, and we are confident that we are ploneers in an undertaking that will soon gladden the heart of every clitzen of this active metropolis and all its neighboring towns and villages. The original map of the district. Hkowise photographs of the fossils referred to, as well as some of the fossils themselves, may be seen at the company's office, 601 Worcester building.

CAN THESE MEN BE MISTAKEN?

CAN THESE MEN BE MISTAKENT Here are the observations of two learned gentlemen, one fresh from the oll fields of Pennsylvania, where he has had a part in the development of the oll industry, and perfectly famillar with the contour of the country and indications of the existence of oll, and the other from the pen of one of the most scholarly men'in this country, who for more than fifty years has been engaged in mineral and geological avocations that have qualified him to speak intelligently on all subjects of this nature. And it is agreed by each man's report, neither knowing the other had inspected the ground, and neither having so much as the acquaintanceship of the other, that there is the best of indications of the existence of oil and gas and very likely coal in the territory covered by their careful explorations. Is there a like-lihood, then, that both are mistaken? Reason teaches otherwise, and

THE PORTLAND OIL & GAS COMPANY BELIEVES THAT OIL AND GAS DO EXIST IN YAMHILL AND POLK COUNTIES, AND WILL

GO AFTER IT WITH AN EARNEST HEARTINESS

THAT MUST SPELL SUCCESS.

Its discovery means fortunes to the stockholders of the company. It means that the production of oll will keep at home the thousands of dollars pald each month for Chilfornia fuel oil, and that this vast sum will go into the hands of the people and business men of Portland and the Willamette Valley. It means added prosperity for every individual in any wise engaged in business pursuits of any character, from the smallest to the greatest, from the top to the bottom of them, from rooming-houses, restaurants and hotels to the wholesale merchant, manufactyrer, banker and the state.

IT IS A MONEY-GROWING PROPOSITION, AND WE WANT A FEW PART-

NERS IN THE ENTERPRISE.

NERS IN THE ENTERPRISE. We want those who will be satisfied with a "Square Deal" all the way through, the principles upon which this company has been founded, to get into the bandwagon with us now, and when the profits come share with us in its distribution. In 1907, in round numbers, California produced \$15,000,000 worth of oil, Ohio and Illinois a like amount, and Oklahoma and Kansas \$18,000,000 worth. California increased its output \$4,000,000 in 1508, and producing oil shares in that state are stable as wheat. Who knows but Oregon will be one of the great oil producers within a year or two, and as J. C. Bayer once said, "The chances are so good I cannot afford to be out of it!" J. C. of Itl"

TWO HOURS' RIDE FROM PORTLAND.

Two Hours' HIDE FROM PORTLAND. North Yambill is but an hour and fifty-three minutes' ride from Port-land, and another 31 minutes carries the passenger to McMinnville. It is therefore "but a step" from the state's metropolis to the territory covered by the reports published herewith, with a down grade for a pipe line all the way to this city. Then our first well, it is expected, will be located not more than six or eight hundred feet from the Yamhill river, so that its product may be loaded upon barges and brought to this railroad center and steamboat distributing point at a scarcely computable expense per gallon. The Southern Pacific and electric railway lines afford the very best facilities for reaching the district, so that it is but a pleasure jaunt by those modes of travel.

WHAT THIS MEANS TO PORTLAND.



ROSE CITY WILL BE ONE OF WORLD'S GREAT OIL MARTS.

Mr. Brereton Believes This City Is Soon to Be One of the World's Greatest Oil Centers.

From the Evening Telegram, April 23, 1508.

That Portland will be, at a date not far distant, one of the world's greatest Il centers, is the prediction of R. M. Brereton, perhaps the best-known civil engineer on the Pacific Coast. He has been a resident of this city for many years, during which time his work has led him all over the Northwest. He has studied every foot of soil and rock that he has gone over, and he now declares that Oregon will soon be producing oil in far greater quantities Than California.

In Mr. Brereton's autobiography-Reminiscences of an Old English Civil Engineer"-which has just been published in handsome book form, one chapter is devoted to the future of Portland as a commercial city and of Gregon as an oll-producing state. On both subjects he speaks as one having authority. He says:

"I believe it possible, and even probable, for Portland's more rapid growth in population and wealth in the near future, through the development of the new occult and wholly unexplored natural resources of what should be Oregon's own[®] oil fields. My faith in the existence of these is based upon the fact that the oil fields of California are mainly found in the geological strata known as the miocene or neocene sandstone and shales, and, more espe cially, in the goological horizon of the middle miocène rocks.

"Oregon possesses, from my own personal observation and study, a far greater area of these oil and gas, mlocone formations than California Eastern Oregon and in the Willamette Valley these miscene formations bound, These are marvelously rich in fossiliferous and diatomaceous and forsiminiferous organic materials of marine origin. These form the accepted sources of petroleum, bitumen and asphalt on the Pacific Coast."

It was Mr. Brereton who some 40 years ago showed the people of Callfornia what great wealth lay at their feet if they would but irrigate their lands. He laid out the first of the great irrigation enterprises that now make the Golden State flourish, and it was through the effort of Mr. Brereton than Congress was induced to allow tha Federal Government to uld in watering the dry lands of the Nation.

COAL AND PETROLEUM IN CALIFORNIA AND OREGON.

COAL AND PETROLEUM IN CALIFORNIA AND OREGON. It is a pertinent quesilon why so little coal and so much oil-bearing rocks and deposits are found in California. Both are supposed to be derived from organic matter of different nature and formed under different conditions. Coal is the residuum of terrestini vascular (cellular) plants and trees formed under pressure and heat in freek water. Petroleum, in the forms of oil, bltumen and asphaltam, is derived from more perishable microscopic cellular plants and animals called diatoms, infusoria and foramina, which mainly form the constituents of ooze or mud; subsequently hardened into shales and sandstones through pressure and heat, in sait water. The coal formations include the fat or cannel, the bituminous, the semi-anthracite, the anthracite and finally the graphite. Petroleum forma-tions furnish the gas, the light oils, the tarry or heavy oils, the bitumen, the asphaltum and finally the diamond by the ultimate crystallization of the carbon.

semi-astimacite the antimacite and finally the graphite. Petroleum forma-tions furnish the gas, the light olls, the tarry or heavy olls, the bitumen-the asubaltum and finally the diamond by the ultimate crystallization of the carbon. California and Oregon produce coal only in limited quantity and in the digrite form. I befleve the reason for this to be that coal in this character exists only in these states in the terthary formation known as the cocene (the lowest) and pliocene (the highest). The former for long geologic periods was above the scalevel, and so under fresh water and favorable to elimatic conditions for forestal and plant growth. Petroleum deposits in these States exist probably mainly in the miscene shales and standstones, which were the original beds of the Pacific ocean, and in which forestal and fresh water plants could not have had a olith-place, but which would be peculiarly favorable to the marine fossils and other organisms which are found so marvelously abundant therein both in California and in Oregon. Petroleum products have been disclosed in his formation in Humboldt county, California. Professor J. S. Diller, of the U. S. Geological Survey, states that the so-called "mitch-coal" in Coose county Oregon, is asphaltum. This occurs in the upper eccens, which directly underlies the miccene. This is linking the California oli theids very closely with what may. In the near future, be one of Oregon's oll fields. If the upper eccens and the overlying miccene formation in California are now furnishing the main supply of gas and olifs the same wast forma-fuel supply in the user future. The geological strata, with digramisms which form the sources of petroleum, can reasonably be expected to yield similar outcome. Hence the prominence I would give to Oregon. The compressed folded and metamorphic conditions of these formations through pressure and heat, which have disilled the petroleum fores of aspeculative pressure and heat, which have disilled the petroleum fores of a speculative petroleum-f

clinal folds of the California off fields and the foregraphical features of the sunk thereon to the oli-sand strata. These are equally characteristic of the topographical features of the same formations in Oregon. The more these milocene shales and sandstones are found closely folded, the more the pressure and consequent heat have arisen and concreted the oil into bitumen and finally into asphaltum.

WATCHING WEAT OF ALL AND A

IT WOULD DOUBLE THE POPULATION OF PORTLAND WITHIN THE NEXT FIVE YEARS.

THE NEXT FIVE YEARS. Property values would soar and millions be added to the realty of this city. Men and families would flock in here from all parts of the country. There would be a hum in all industrial lines and the flag of progress would be unfurled wherever the eye might turn. There would be a pell-mell rush in this direction, and who would not profit thereby would most certainly be entitied to his peaceful rest. As the rainfrops fall upon all the earth, so would the beneficent effects of this enterprise fail upon every individual of this great region. In fact, the immensity of our proposition cannot be grasped by any one who has not sat quietly down and pondered the question in his own mind.

WE SHALL EMPLOY ONLY OIL EXPERTS.

WE SHALL EMPLOY ONLY OIL EXPERTS. Only oil experts will be employed by this company. We shall provide a standard West Virginia oil drilling outfit. We shall have a machine capable of boring to a depah of 4000 to 5000 feet, with a 13%-inch casing at the top, and Mr. Sherwood will superintend the operations on the 'ground. With a force of expert drillers, therefore, we have every confidence that we shall be abundantly and speedily successful in our aims. The same eruption that created the mountains of California created those of the entire coast range all the way around to British Columbia and Alaska. Oil is already flowing from the wells of all these localities—California on the south to British Columbia and Alaska northward. It does not seem possible, therefore, that this territory can be barren, and we never will believe it until we have been actually convinced by faithful exploration. And this is the only way the question can be settled. No officer of the company will receive any pay at all, save those working in the field.

AS THE SUCCESS OF THIS PROJECT MEANS SO MUCH FOR PORTLAND WE SHALL EXPECT THE GOOD WILL AND CO-OPERATION OF EVERY MAN AND WOMAN IN THIS CITY.

We shall expect the book with the transmission of events was a start expect the book of the transmission of events was not stored with the transmission of transmission of the transmission of transmission of transmission of the transmission of transmissi of transmissis of transmission of transmissio

WE WANT 1500 MEN AND WOMEN To become stockholders in this company with us by subscribing for \$50 worth of stock each, payable \$10 down and \$10 a month. This is a very small sum, and the payments are so easy that every one can get in and help develop what may in the near future be an immense oil and natural gas field right at the front door of Portland. Should we strike oil or natural gas, or both, and as our chances are even better than they were in California before they struck either, it is needless to say that the returns on even such a small investment would simply BE IMMENSE.

THE FIRST 100,000 SHARES WILL BE SOLD AT 25° EACH, OR 30° ON INSTALLMENTS OF ONE-FIFTH DOWN AND BALANCE IN FOUR EQUAL MONTHLY PAYMENTS THE PORTLAND OIL AND GASCO. 601-2 Worcester Building, Third and Oak OFFICERS OF THE COMPANY President, H. A. Cushing, vice-president and manager the Chas. H. Lilly Seed Co., 200 Front St., Portland: Vice-President and Fleid Manager, Andrew Sherwood, to arrive from Pennsylvania about April 1st: Secretary-Treasurer, Francis Senley, of the Senley-Mason Co., ploneer grocers; Attorney, S. C. Spencer; Directors, in addition to the foregoing, E. C. Mears, formerly enshier Lumbermens National Bank; John E. Davis, president Davis Safe & Lock Co., 66 Third St., and Robert S. McBride, office manager. Sts., Portland, Or. Telephone Main 8185