

OREGON'S MINERAL PRODUCTION SHOWS INCREASE OVER 1912

Facts Given in Bureau Bulletin Attract Much Favorable Comment.

GAIN IS 200 PER CENT

Bureau Solves Slime Treatment Problem Which Means Much to Mining Industry of the State.

The Oregon bureau of mines and geology commission held its first annual meeting to review the results of the past year's work, and to map out the field work for the coming summer.

The first publication of the bureau—a resume of the mineral production for Oregon in 1913, showing an increase over 1912 of 200 per cent with a total of \$2,000,000, attracted much attention.

For the reason that the increase was due to the growth of hard rock mining, the mining industry of Oregon has arrived at the most stable stage in its development. Such operations are large consumers of labor, and therefore the field for employment of miners has increased extensively.

The first issue of the "Mineral Resources" also attracted wide attention and much favorable comment among men of prominence in the profession all over the United States.

The coal deposits of the Squaw creek basin of Coos county were reported upon in this issue by a party in charge of Ira A. Williams as the most valuable field that has not been touched by the United States geological survey, and the report upon it will therefore have a great economic value in the coal development of the state.

A supposed coal deposit 35 miles east of Roseburg which was filed upon by 20 applicants was reported in its development by Ira A. Williams to be of no value, or worthless volcanic glass, closely resembling some varieties of anthracite coal in appearance.

The second issue of the "Mineral Resources of Oregon" was devoted to a study of the quarry possibilities of Oregon building stone. Since its publication, four quarries have been opened which were previously idle, including the Pioneer sandstone near Newport, which was years ago used in the construction of the California state capitol building in San Francisco.

The third issue of the bureau publication was a comprehensive reconnaissance of the John Day basin with respect to its coal, metal, oil and artesian possibilities.

Aside from these publications, the bureau has solved a slime treatment problem which renders an important mining problem a success. Other valuable services have been rendered the mine operator that have been of vital importance.

The list of publications scheduled to appear during the present year is as follows: "Drainage of Willamette Valley Farm Lands," now in press; "Geology of Portions of Jackson and Josephine Counties," "Report on Part of the Baker Quadrangle, Baker county," "Portland Cement Materials in Oregon," "Mines and Prospects of the State," "Report on the Sumpter Quadrangle, Eastern Oregon," "Papers relating to the Clays and Clay Products of the State."

It has already become necessary to increase the size of the edition of the bureau journal from 2500 to 4000 copies, largely in response to an eastern demand from those who desire to

FINE FARM MADE BY SICK MAN OF LOGGED-OFF LAND

The Newberg Enterprise tells a story of the conquering of Oregon's logged off lands that makes mighty good reading in these back-to-the-soil days. "Twenty years ago," says the Enterprise, "Mr. and Mrs. D. C. Van Dorn came to Oregon from Nebraska. Mr. Van Dorn had heart trouble, and the doctors advised him to seek a new climate, if he cared to live much longer. "They bought 30 acres of land two miles south of Dayton, covered with stumps and logs and brush and vines. It was not an encouraging proposition—especially in connection with Mr. Van Dorn's physical condition. But he won out with the aid of his good wife and such assistance as two young children could give. The son, now 19 years old, is still on the place, and his father's right howerer sturdy, sensible, industrious young man, who graduated at the Dayton high school without letting go of his hold on work at home.

As the years progressed the brush and logs and the stumps (some of them six feet across) were removed and the ground they occupied is now one of the best orchards of that part of the state. A comfortable residence has been built, with barns and outbuildings and facilities for Mrs. Van Dorn's industry of raising chickens and turkeys. Five years ago a high priced automobile was bought, and is in frequent use. "Several years ago the Van Dorn family acquired the habit of taking prizes of silver cups, ribbons, bronze medals and farming implements at horticultural fairs, state and county, and they now have a valuable and interesting collection in that line. What they have accomplished in transforming a waste into a remarkably productive orchard is an object lesson for others. Mr. Van Dorn says that 'You can, if you want to,' is an excellent motto, and he has certainly proved its truthfulness. He says that in Nebraska there is but one pay day a year; with his family there is a pay day every week, for, in addition to the orchard and berries, they have an income from cows.

Dirty Car Windows A Railway Economy

Erie Railroad Saves \$4000 a Month by Permitting Its Passengers to Look Through Smudged Glass.

New York, June 6.—The Erie railroad is saving \$4000 a month by not washing its car windows, according to Albert J. Stone, general manager of the road, who appeared before the state board of public utility commissioners in Jersey City recently. He declared his road was too poor to clean its cars, and refused to answer any questions about salaries of its officers.

C. D. McKelvy, inspector of the commission, stated that the cars and engine windows in a filthy condition, and liable to cause accidents, as it was impossible to see whether there were any loose nuts or bolts on the engines.

Mail Order Houses Furnish Revolvers

Detroit Police Blame Chicago Concerns for Placing Deadly Weapon in the Hands of Foreigners.

Detroit, Mich., June 6.—The police believe they have discovered the source of the revolver supply which has been placed in the hands of hundreds of foreign born persons in Detroit dangerous weapons. Prosecution of officials of mail order houses in Chicago may follow. John Rovinsky, 20, arrested by Detectives Grossman and Piles, made a confession which Prosecutor Fragar thinks will result in the prosecution.

The mail order houses, the police believe, to monopolize the business advertised foreign languages the sale of a razor, a shaving mug, a watch and a revolver for a nominal price. A card brought the package C. O. D. Watch on an express office netted the police \$1000.

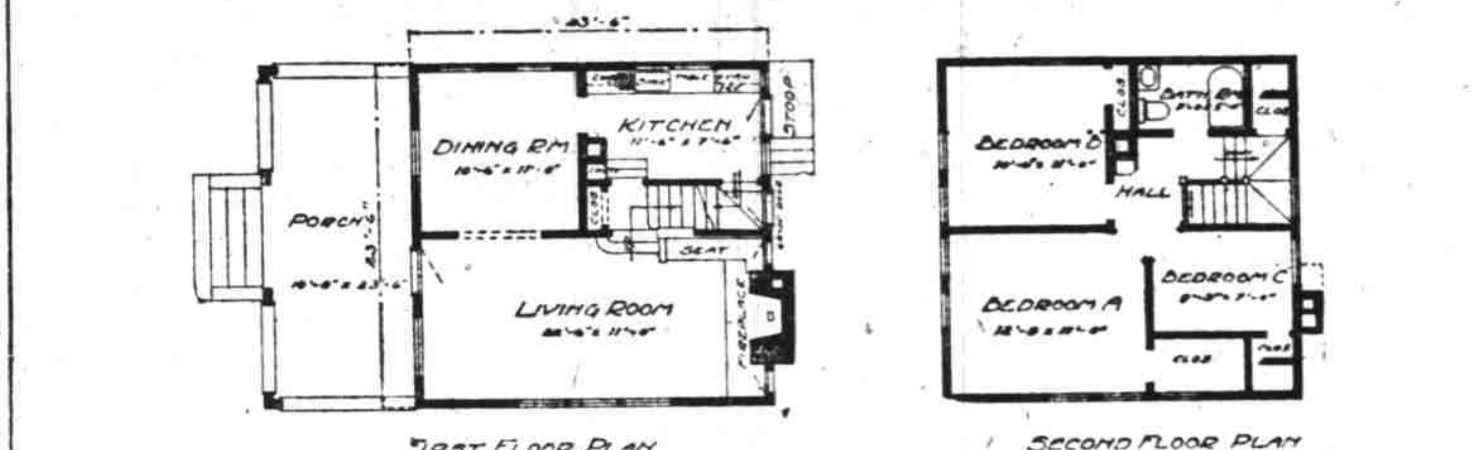
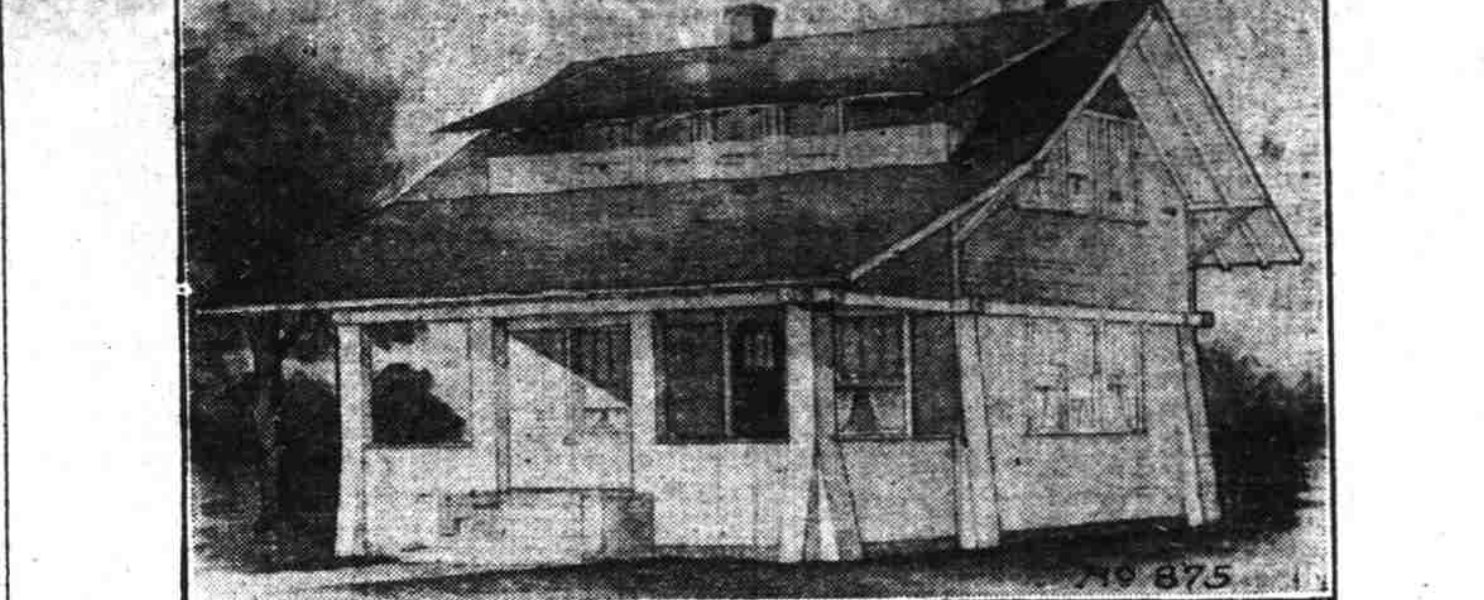
Buffalo's Skeleton Misplaced by Workmen

Fail to See Value of Bones 25,000 Years Old and Cause College Professors Much Worry.

Chicago, June 6.—Unappreciative workmen at the University of Chicago have lost the 25,000 year old skeleton of an American buffalo. The bones were discovered two months ago when excavations were begun for Julius Rosenwald Hall, the new geology building. Charles Hann, superintendent of construction, discovered the skeleton and set it aside to show to the scientists of the institution. During his absence the bones, excepting a lone humerus, were removed by professors at the university identified the humerus as that of a buffalo which had evidently died on the beach sand on the shores of the old Lake Chicago.

Some people think they simply can't get along without a den. The writer admits that he is one of those people. A little place, even if it is not more than five feet wide, in which to study, write, read, or converse privately is always a convenient accessory. Placing a comfortable couch in it makes an extra bedroom on special occasions. In a small home, however, this space can be distributed between the other rooms and one of the bedrooms furnished to take its place. The number of chambers is, of course, established by the number in the family and the number of expected guests. A fireplace is always a splendid thing in any home for its cheerfulness and the heat it affords on mild winter

THE LITTLE HOME PRESENTS MANY PROBLEMS TO THE BUILDER



By A. C. It is a proverbial fact that the average home builder comes to his architect with a 'cream appetite and a skim milk pocketbook.' He will want a colonial mansion with porticoes, side wings, and posterior porches for a reception hall, living room, library, dining room, etc., at least two bath rooms, with private lavatory for each bedroom, the best grade of hardwood finish, and then, if possible, a brick exterior and a tile roof, all for \$3000. He is only one of a thousand such, and still he wonders why architects turn prematurely gray.

It seems to be contrary to the laws of human nature for a man to keep his wants within his means. Every man strives to build a larger home than he can afford. Even the man who builds a three room bungalow goes into debt before his home is complete in order to have it a little better than his neighbor's. He goes along with for a while at least, but the man who (without persuasion from his architect) voluntarily tries to see how small a house he can build, and have it fill his needs would be a curiosity to the average builder or architect.

The planning of a small home is more difficult than the planning of a larger one to meet the requirements of the same family. Not because the arrangement cannot be as convenient, for anything built on a large scale can be built on a small scale, within a certain reasonable minimum, but because the average person has an exaggerated idea as to how much room he needs for living purposes.

When sitting in the parlor, with two or three friends, the actual space that is taken up together with the usual parlor furniture is not considerable; when the dining room is openly connected with the parlor, the effect of distance prevents a cramped or stuffy appearance.

Dining Room Dimensions. In the dining room, of course, the size of the table, together with the fact that a passage must be maintained around the outside of the seated guests, establishes a 10 foot minimum for the least dimension. The dining room should be made a little longer than its narrowest dimension, to permit extension of the table on special occasions. This extra length is often obtained by projecting a bay, which, when properly designed, adds to the attractiveness both within and without.

Some people think they simply can't get along without a den. The writer admits that he is one of those people. A little place, even if it is not more than five feet wide, in which to study, write, read, or converse privately is always a convenient accessory. Placing a comfortable couch in it makes an extra bedroom on special occasions. In a small home, however, this space can be distributed between the other rooms and one of the bedrooms furnished to take its place. The number of chambers is, of course, established by the number in the family and the number of expected guests. A fireplace is always a splendid thing in any home for its cheerfulness and the heat it affords on mild winter

days, as well as being a splendid ventilator at all times, but it is expensive and takes up altogether too much room for a small home. It should, therefore, be omitted, together with such desirable but unnecessary luxuries as a first floor toilet, large pantry, and conservatory.

For the best appearance a home of small dimensions should not be full two stories high. Making the height of the first story not over nine feet increases the size of the rooms in appearance and makes it unnecessary to project the second story quite so high into the air. While it must be admitted that a slant in the bedroom ceiling is not the most desirable thing, still, when the slant starts not lower than five and one-half feet or six feet from the floor, it is not in the way of bedroom wall furniture, and does not interfere with head room, even at five and one-half feet, for no one stands against the wall.

When the slanted part of the ceiling is insulated properly from the weather and the room is properly ventilated it does not make the room either hotter or colder; in fact it requires a little less heat radiation in winter.

It is almost universally known that gas light is the easiest of all lights on the eyes and is highly desirable for illumination of the home. Comparatively few people, however, are aware of the fact that gas light really benefits the air. Gas light gives off a trifle more heat than most of the other illuminants, and, strange to say, this trifle of extra heat tends to purify the atmosphere by setting the air in motion to an extent that aids ventilation very materially. This it does by driving the heated products out through ceilings and upper windows, at the same time bringing fresh air through the floors and lower part of the doors and windows; and this circulation of air contributes still more toward purity by carrying certain germs and bacteria, as well as the animal matter given off by our lungs, right into the gas light flame, where everything of this sort is properly cremated, a simple process of air sterilization.

These facts regarding gas light as a pure air factor have been demonstrated by many tests conducted by scientists. Gas as a fuel is known the world over as being a very convenient, sanitary, reliable and inexpensive fuel. There is a large number of appliances for burning gas and uses to which gas may be applied in the home. From an investment standpoint it is a significant fact that small homes containing a sufficient number of rooms and all modern conveniences sell better and at larger profits in proportion to the investment than larger or more costly homes.

over as being a very convenient, sanitary, reliable and inexpensive fuel. There is a large number of appliances for burning gas and uses to which gas may be applied in the home. From an investment standpoint it is a significant fact that small homes containing a sufficient number of rooms and all modern conveniences sell better and at larger profits in proportion to the investment than larger or more costly homes.

We will build you a home according to your own plans in ALTAMEAD

and you can pay for it in easy monthly payments. Best car service in the city serves ALTAMEAD. Improvements all in.

WESTERN OREGON TRUST CO. 1100 Northwestern Bank Building

Your Summer Furnishings For Less

See Our New Line of PORCH FURNITURE SUMMER DRAPERIES AND WALL PAPERS STYLES CONFINED EXCLUSIVELY TO US Summer Discounts prevail in every line THE HOME OF EXCLUSIVE FURNISHINGS We Do Picture Framing

F. A. TAYLOR CO. 130 TENTH ST., BET. WASHINGTON AND ALDER

Telephone East 5718, B-2666. WAX BRUSHES WAX

BELCHER HARDWOOD FLOOR CO.

All Kinds of HARDWOOD FLOORS Laid and Finished

314 EAST WASHINGTON STREET Wholesale and Retail. PORTLAND, OR.

Books ON HOME BUILDING, DECORATING and GARDENING at the big, busy book store Gill's Third and Alder Sts.

Service First—Service Last and Service Always

It means PERFECT SERVICE when you use GAS for Heating, Lighting and Cooking purposes. Thousands are having their homes piped for gas. Thousands are using GAS for HEATING, LIGHTING and COOKING purposes. GAS SATISFIES THOUSANDS—IT WILL SATISFY YOU.

Pipe your home for Gas at time of construction and save the additional expense of having to do it later.

PORTLAND GAS & COKE CO.

IT'S GREAT! TO STAND OR WALK ON WOLFGANG'S CORK FLOORS

CORK TILE CORK CARPET LINO TILE and LINOLEUMS

C. A. WOLFGANG & CO. 510 Lumbermen Building

OAK LUMBER IMPORTERS S. BAN CO.

Phone M. 141, A-1310, 32-34 N. Third.

BURROWES Rustless SCREENS

are the standard. Estimates cheerfully furnished. F. L. FIELDSTAD Phone Main 6284, 620 Henry Bldg.

LAWYERS TITLE & TRUST CO.

Marshall 1898 HENRY BUILDING A-4222

SAVE YOUR MONEY

That you may apply it to a home of your own. Start a savings account and save something each week. It will not be long until you have enough to make a substantial payment on that cozy little home you have long desired. A savings account in this bank at 4% compound interest will astonish you by its growth.

GOVERNMENT SUPERVISION

LUMBERMENS NATIONAL BANK

Fifth and Stark Sts. Capital \$1,000,000

Paying Dividends

Every home built by this company means profit to the stockholder, as his money is used to build homes—at a profit. Thirty-six dollars pays for 100 shares—whether you own 100 or 10,000, you receive 2% cash dividends quarterly on par value stock. Invest in this organization tomorrow for safe and sure returns.

The **Oregon Home Builders** Oliver K. Jeffery, Pres. Northwestern Bank Bldg.

Rose City Park BARGAINS HOUSES AND LOTS ON EASY TERMS

Realty Department of **Hartman & Thomson** Fourth and Stark

WESTERN BOND & MORTGAGE CO.

Our own money at current rates. Building Loans a Specialty. 80 FOURTH STREET BOARD OF TRADE BUILDING

BUILDERS' EXCHANGE

Cor. Second and Alder For responsible contractor in any line call Main 4907, A-3148.

Roofs Repaired ALL KINDS J. C. BAYER

Main 491 204 Market

THE ERNEST MILLER WALL PAPER CO.

Imported—Domestic WALL PAPER The Home of Staple Wall Papers 172 FIRST ST. (Near Yamhill) Phone Main 5688.

Builders' Hardware

Oregon Hardware Co. WORCESTER BUILDING THIRD ST., COR. OAK

PIONEER PAINT CO.

186 First St., Near Yamhill See us for "Masury's" High-Grade Paints, Enamels, Varnishes; "Chicago" High-Grade Varnishes, Enamels, Wood Tints; "Pioneer" Mixed Paints, Stains, etc.; Wall Paper and Decorating material. We guarantee the quality and our prices are right. Our experts will gladly call on request. Both Phones.

Garden Furniture and Ornaments

Ernest Thomas 65 Union Ave., N. Portland

BUILDING MATERIALS A Clark's Fuel Chute

in your Basement Wall will protect the appearance of your house. P. L. CHERRY COMPANY 3d and Stark; Sts. 306-7-8 Lumber Exchange Bldg. Main 855, A 1465.

Taxes Paid in Oregon

mean money turned into the coffers of the state. Just think of the vast sums paid by the

PORTLAND RAILWAY, LIGHT & POWER COMPANY

on its plant in the ten large generating stations throughout the state.

Help Develop Oregon BUY "HOME-MADE" ELECTRICITY

Portland Railway, Light & Power Co.

BROADWAY AND ALDER STREETS PHONES—Marshall 5100; A-6131

WITH Insure W. J. CLEMENS

Room No. 2 Commercial Club Bldg., Fifth and Oak Sts.