

BLACK MARBLE AND LIME COMPANY HAS WONDERFUL FUTURE

A new industry to this locality, the western half of the United States in fact, and one with a wonderful future is now establishing itself near Enterprise although its headquarters are in La Grande and it will be closely identified with this city as it expands.

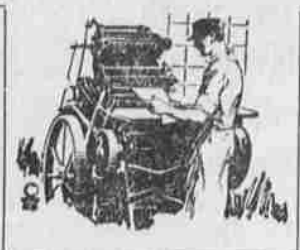
This is the Black Marble & Lime company, with a capital stock of \$250,000, which will devote itself to the wholesaling of a superior brand of lime, lime hydrates and marble—obtained from a wonderful deposit of black marble or limestone on the mountain side six miles northwest of Joseph and five miles southwest of Enterprise. The new plant, now under construction, is about a mile from Enterprise.

Volume Production Later
As yet, the company is producing lime and marble only on a small scale and will not begin production in a really great volume until the plant is completed. This spring enough lime was produced to supply the contractors' demand in this part of the state, where builders and others already know of its superior quality. Next year,

however, the lime will be shipped to all parts of the west.

For 15 years lime has been burned here in a crude and meager way, supplying local needs. Now and then, as a little surplus in excess of local requirements would accumulate, some of it found its way into the outside world where its superior qualities were also immediately recognized, and many of them to purchase regular supplies were sent to operators of the kiln. The output was so limited that none of these proposals could be considered and lack of capital made it impossible to extend the plant. During those many years probably not to exceed 100 cars of lime were produced from the black marble quarry but it was enough to establish its worth and show keen minded business men its possibilities.

Interest Grows
Then, a few years ago, interest began to grow in the deposits and plans were considered for its development. About two years ago the Black Marble and Lime company was organized and it acquired



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A BEAUTIFUL BUNGALOW



This attractive small home, erected only recently at 1901 Washington avenue, near Connorsdale, is the property of Edward Mayberry. Bungalows of similar types are proving more popular throughout the city, and numerous four- and five-room houses have been and are being erected.

550 acres of mountain land upon which is located the marble quarry. Much of the acreage is also covered with valuable standing timber which will be a source of fuel supply for the kilns.

A plant site of 50 acres, along the right of way of the Joseph branch line of the Union Pacific System, was secured as well as a strip of land upon which the company will erect an aerial tramway connecting the two properties. The tramway, an engineering feat in itself, will be four miles long and will provide the cheapest known method of conveying the rock from the quarry to the kilns, the force of gravity supplying the motive power as the quarry is high above the plant site.

Builders Now Busy
On the plant site contractors are now busy preparing two large kilns and next spring two more will be erected. It is expected that the new kilns will be put into operation about the first of October.

The tramway, however, will not be completed until spring, although construction starts this fall. Work is moving rapidly and no time is being lost in construction. About 20 men are now employed and when the plant is completed it will require in the neighborhood of 25 men to operate it.

The work is being done under the direction of E. W. Lazell of Portland, known as one of the foremost lime experts in America and whose books are recognized as standard authority in the lime industry, who has been retained as consulting and chemical engineer.

Deposits Highest Quality

Mr. Lazell declares: "The lime deposits are of the highest quality and furnish a very high grade lime suitable for use in both the building and chemical trade. Manufacturing costs should be low and the freight rates are advantageous to the markets of Oregon and Washington."

Mr. Lazell's specifications for immediate construction and installation consist of modern quarry equipment, tramway, four kilns,

crushing and pulverizing and hydrating machinery, cupage shop, warehouse, office and railroad siding. The four kilns and complete hydrating machinery have already been bought, delivered and paid for, and are at the plant ready for installation when the foundation work is completed.

According to Henry M. Parks, state geologist of Oregon, the limestone quarries consisting of black marble parallel the contour of the hillside for a distance of more than 1,000 feet. The thickness of the series of beds is known to be as much as 500 feet and it is exposed in a stream canyon for a distance of 100 feet into the hills. There are without doubt 10,000,000 tons now available. While Mr. Parks reports an available only that tonnage which is in sight there is probably two or three times that amount.

Hydrated Lime
The primary object of the company is to manufacture lime but eventually polished marble will be a big factor, also the manufacturing of hydrated lime which is first slacked, heated, dried and then pulverized, making it ready for the water whenever the contractor is ready to mix.

Pulverized lime is also used by farmers to sweeten soil which has turned sour because of long irrigation. Hydrates act immediately and do not have the lasting qualities of pulverized limestone, which is broken down by the weather and which keeps the soil sweet for many years.

Other Uses For Lime

Besides its use in the building trades, large quantities of lime are used by mills in manufacturing of paper, used for orchard spray materials, by manufacturers of steel, ammonia, glass, explosives, paint, soap, flour, disinfectants, and of a multitude of other commodities. Even beyond the coast lines, there are users—the sugar refiners of the insular possessions, the Hawaiian Islands and the Philippines. The black marble has been pronounced by marble experts to be superior to the Belgian and Italian black marble now being imported into the United States. The company is advised that the marble, out to size and polished, would bring \$1.50 a ton on the Portland market today. One of the plans of future expansion is to quarry this marble for the building trades, converting the waste from this operation into lime and its by-product in the usual way.

One of Two in U. S.
The black marble deposit is one of two discovered in the United States, the other in New York. The production costs per barrel here are comparatively low and the company believes it will have little difficulty competing with other grades of lime after the value of "Chieftain" lime, as it is called by the company, has been demonstrated.

Charles A. Hingaman, of La Grande, is president of the company and L. E. Jordan, of Enterprise, is vice president. E. H. Gault, of Joseph, is treasurer; J. A. Burroughs, of Enterprise, secretary, and the other members of the board of directors are: John Dean, of Union; E. D. Keltner, of Enterprise; J. Ross Leslie, of Joseph; William Rosier, of Elgin; H. McGoldrick, of Imbler.

The story of the discovery of the deposit is in itself one of extreme interest.

The story, quoted from one printed by the Black Marble & Lime company, follows:

"In the early days of Western history, there lived in Wallawa county, Oregon, a pioneer settler by the name of George Russell."

"One day in prospecting a chicken for the boiling pot he discovered two small nuggets of gold in its crum. Believing that this indicated the presence of a rich deposit close by he began a systematic search of the mountain side, coming upon an outcrop of black rock, which was unfamiliar to him. He broke off a piece of it, and on the next day surface he saw something glint in the sunshine. Hurrying to the little settlement of Joseph, at the foot of Wallawa lake, he showed it to his friend, Charlie Christie, a prospector of the old school."

"Together they proceeded to Bill Cole's blacksmith shop and gained permission to use his forge. While they were heating the stone on the glowing coals they saw Alexander Kennedy, another old time prospector, coming toward the mine, and wishing to maintain secrecy, they promptly removed it from the forge and dropped it into the water tub. Following the usual and the splash there was a bubbling as of boiling water. Russell and Christie looked at each other and surprise was written on their faces."

Black Turns to White
"When Kennedy finally removed himself from the premises, the rock, now much reduced in size, was fished out and again placed on the fire. After a time it was taken off and laid, this time, on the anvil to cool. A strange thing had happened. A black stone had changed to purest white."

"Prompted by the bubbling water in the tub, they now placed it in a pan and added only a small amount of water. Shortly it crumbled away as it absorbed the agitated, spluttering water, and

WOOLWORTH FIRM DOUBLES STOCK

Variety Stores Report Business Condition in La Grande Very Good

In the eight years that the F. W. Woolworth company has operated a store in La Grande the local business has increased 100 per cent with a doubling of the stock from \$10,000 in 1919 to \$20,000 in 1927. Business in 1926 far exceeded any previous year while the present year bids fair to surpass all former records. Since almost the first day of business, the Woolworth store with its familiar red and gold front and trademark, announcing that all products are sold for either five, ten or fifteen cents, has been a busy, humming institution, drawing shoppers from far and near to its entrance on Adams avenue, next to Hill's Department store.

Eleven sales girls are now employed to take care of the departments, which include candy, soda, stationery, ribbons, art goods, millinery, hosiery, notions, drug supplies, hardware, tin and glass ware, household goods, toys and jewelry. It is a much simpler task to enumerate the articles which the company does not handle than to attempt a complete list of the amazing variety of products and values which are offered.

National Company
It is this range of products and original method of presenting them which gives the company its unique and interesting position in the world today. J. J. Perier has for the past ten years been manager of the La Grande store.

The history of the national company, the first to attempt such an unique business on any similar scale, Mr. Woolworth was truly a pioneer of American big business. Mr. Woolworth has been dead some several years, but the remarkable business institution which he perpetuated gives every indication of continued growth with the future years," concluded Mr. Perier. To substantiate this prophet of future growth, Mr. Perier displays figures showing that in the last two years there has been an average of one new store formed in a week, with a growth of from 11,000 to more than 15,000.

MR. AND MRS. NELSON'S HOME



The attractive home of Mr. and Mrs. Horace Nelson, at 703 K avenue, is representative of many smaller homes that have been erected throughout the residential districts in recent years. Regardless of the size of yard or home, the tendency in La Grande is to beautify each place with shrubbery and flowers.

pany, as told by Mr. Perier, is full of pulsing American drama, and might almost be a national epic, so typically American it is. A mammoth business, reaching with its 15,000 stores over the whole of the United States, having as its headquarters the highest and most renowned modern piece of "skyscraper" architecture, and ranking with the foremost corporations of the world—this has been the outgrowth of 22 years of business venture and adventure began when a clerk in a Philadelphia store started a little counter of left-overs.

This foresighted clerk was F. W. Woolworth, a man of mighty business judgment combined with desire and daring to plunge.

A Pioneer in Business
The first to attempt such an unique business on any similar scale, Mr. Woolworth was truly a pioneer of American big business. Mr. Woolworth has been dead some several years, but the remarkable business institution which he perpetuated gives every indication of continued growth with the future years," concluded Mr. Perier. To substantiate this prophet of future growth, Mr. Perier displays figures showing that in the last two years there has been an average of one new store formed in a week, with a growth of from 11,000 to more than 15,000.

In 1915 the company consolidated with the J. B. Charleston company, greatly increasing the organization. It is not generally known that \$251,000 in charity is paid out annually by the company.

That the La Grande store leads many of its size is pointed out by Mr. Perier, who attributes its position to the liveliness and prosperity of La Grande.

Spruce-Beitz Store
The Spruce-Beitz variety store, offering a wide range of goods, none of which are sold for more than 49 cents, has just completed one successful year of business in La Grande under the management of Leslie White. The store is located next to the new Oregon hotel on Adams avenue, a location which Mr. White describes as ideal. The stock includes complete lines of pottery, china, dry goods, notions, drug sundries, toys, stationery, candy and numerous other articles, none of which exceed the price mark of 49c.

Mr. White employs three clerks in his business which he declares has enjoyed a wonderfully successful year. "Our company has looked upon La Grande as a growing city for more than four years and has endeavored to make an opening here, but until last year was unable to find a satisfactory location."

tion," says Mr. White. "Our confidence in La Grande has been more than justified in one short year."

The Spruce-Beitz company has organizations over much of the west and has been organized for 16 years. The company has its own wholesale house which is located in Portland.

The worst thing about meeting trouble halfway is that it's so hard to get back again.

Diagnose Disease From Blood Drop

PARIS (AP)—It is said to be possible to diagnose certain diseases by examining a drop of blood serum from the patient.

Such is the contention of Doctors Douris and Mondain, as reported in a paper which Professor d'Arsonval read to the French Academy of Sciences.

A drop of serum from which the red corpuscles have been removed by centrifugal action is placed upon glass and evaporated by uniform application of a heat of 40 degrees Centigrade. This causes different patterns to appear according to the nature of the serum.

It is from these patterns that Drs. Douris and Mondain believe that they can tell the nature of the disease from which the patient is suffering. A normal serum gives an image resembling the section of a lemon. In the case of a cancerous subject the pattern is irregular, leading the discoverers to draw a parallel with the cellular anarchy which characterizes cancer, and permitting, they believe, the diagnosis of a cancerous state before the growth has developed.

LONDON RESISTS JOKE AT PRINCE OF WALES

LONDON (AP)—Milton Hays hit a snag in the new revue "Shake Your Feet" when he cracked a line about the Prince of Wales which did not appeal to the audience.

Hays was doing a silly sort of monologue of the type which has won him favor in the music halls. He remarked that the Duke of York bought a perambulator at a recent exhibition as a hint to his brother, the Prince of Wales. The audience not only did not laugh, but it booed the actor unmercifully.

BUILDER'S HARDWARE

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