

**BLUE BIRD PROGRESS.****What Has Been Done on a Group in Red Boy District.**

O. C. Wright, of Sumpter, manager of the Blue Bird mining company, received a letter a few days since of which the following is a copy.

"New York, Dec., 20, 1902.

We have received assays from the last Blue Bird ore sent us, and are pleased to advise you that it goes \$224.27 to the ton. We will write you further next week.

Yours Very Truly  
WHEELER & CO.  
Fiscal Agents."

This is the result of a sample of ore taken from the 20-foot vein 315 feet from the portal of the crosscut tunnel that the Blue Bird Company have been following and evidently is a superior grade of ore which they have encountered.

Both walls are smooth and solid; considerable slickensides being in evidence, which proves it to be a true fissure.

This development is 250 feet vertically below the surface, and the entire filling of the vein is of sufficient average value to be milled, while streaks of extra high grade ore run all through the entire mass.

At a distance of 265 feet from the mouth of this tunnel, a vein five feet in width was cut but has not yet been drifted on, a sample was taken across it which yielded in gold \$19.20 per ton.

The length of this lower, or number 2, tunnel at present is 465 feet. On account of the air being bad, its further progress is stopped until the air compressor is in operation. This tunnel will develop some of the company's veins to a depth of 1,000 feet; hence it is called the 1000 foot level.

Two hundred feet vertically above, on what is styled the 800 foot level, an adit tunnel has been driven 375 feet. As soon as possible an upraise will be made from the lower tunnel to this level which will prove the ground between these points, furnish ventilation, and make another means of getting into or out of the mine.

In the power house, at the mouth of the lower tunnel, the concrete foundation for the air compressor and other machinery is all laid ready for every thing to be placed thereon and bolted down. This plant has been purchased and paid for but has been delayed in transit for some reason.

More or less work has been going on on this property during the past six years. The present company was organized last March, and since April development work has been crowded day and night.

This company have a reserve fund on hand sufficient to carry on all development and erect the mill, which will be added to the plant in the spring.

**WORK ON OLD ARASTRA MINES.****Directors of the Company Meet and Decide Upon Future Development.**

Yesterday a meeting of the directors of the Old Arastra Mining Company was held at the local offices of the Killen, Warraner, Stewart Company.

This company's property is located on Granite Creek, four miles north of the town of Granite.

It was decided by the board of directors that they would drive ahead on the tunnel they have been pushing into the mountain until it reaches a point 96

feet below a crosscut tunnel which was run several years ago. To do this at least 50 feet farther will have to be driven.

After this work is completed they will probably make an upraise connecting these two levels.

It is also the intention to run a crosscut tunnel west which will develop eight veins, six of which outcrop on the surface and show good values.

When this work is completed, and connection is made with another crosscut tunnel which was run some time since, it is anticipated that enough ore will be put in sight to warrant the erection of a ten or 20-stamp mill with the necessary concentrating machinery.

The directors state that with the additional force they will employ, they should be able to know the possibilities of the mine in the next few months, and so certain it appears that their calculations are correct that they have planned for the work to go right ahead.

As far as a mill site and water supply is concerned, they are matters which call for no expense, as nature could not have planned those conveniences better for the property. They also have an abundant supply of timber for all purposes, so that all funds raised will go directly into the mines and their equipment with a mill and other necessary machinery.

Judge M. B. Reese, and Professor H. H. Nicholson, of Nebraska, who have been investigating the resources of the district, are so well pleased with the appearance, and confident of the future outcome of the proposed developments of The Old Arastra Mines, that they will no doubt become identified with the company more than they are at present.

**MALHEUR OIL FIELDS.****Renewed Activity in the Search for the Fluid.**

There is said to be quite an amount of activity in the Malheur County oil fields. Baker City people have had a gang of men at work there for some time doing \$100 worth of work on each claim held by them and in the aggregate have expended \$3,000.

The late Sol Hirsch, of Portland and the Hope brothers, bankers of Vale, some time ago provided \$20,000 to put down the first well. Although their operations were conducted with the greatest secrecy, it is understood in the neighborhood that they have struck the first oil sand, which is an indication that they are liable to find what they are looking for. Those who have examined the Malheur fields claim that there are plenty of oil seeps and gas there.

Some time during the past year United States government geologists examined the ground and on their report this section was withheld as an oil reserve. Experts from Pennsylvania, California and other places have visited and studied the district and none yet have turned it down.

**THE AMERICAN MINING NEWS IS THE ONLY GENUINE MINING NEWSPAPER IN THE EAST**

Officials of the National Government recognize it as an authority. No one interested in mining can afford to be without it. Send for free sample. Published every Saturday by the

AMERICAN MINING NEWS COMPANY

11 Broadway

New York

**AFTER SIX YEARS.****Professor H. H. Nicholson Returns to This District.**

Professor Hudson H. Nicholson, consulting Mining Engineer, and who is in charge of the chemistry department of the State University of Nebraska, at Lincoln, has been a visitor here for the past few days.

The real object of Mr. Nicholson's presence here at this time is to examine and report on the Black Jack group of claims south of the Red Boy mine.

He has already made the examination, but has not yet formulated his report. This will not be done until he returns to his Nebraska home.

Six years ago the past summer, Professor Nicholson visited this district in the capacity of mining engineer for New York people. He examined for them a proposition in the Quartzburg section, but they did not take hold of the property.

At that time there were no means of transportation as there is at this day. Little was being done in the country out side of placer mining.

At the Red Boy, the owners of that property were staggering along with a primitive Arastra, but slowly and surely laying the foundation for the magnificent holdings which they possess today.

Professor Nicholson at the time of his first visit came to McEwen, which was then the terminus of the Sumpter Valley railway. From there he traveled about the country on horseback. He passed over the mountains and through the John Day Valley, striking the O. R. & N. Ry., at Pendleton.

Despite the fact that this entire region is now covered with snow, yet Professor Nicholson can realize that wonderful changes have been wrought here in the six years since he last saw the country.

When asked what the Nebraska people thought of the mines of eastern Oregon, the professor said that there was not yet enough known of our mineral resources there for him to express an opinion.

His address as Mining Engineer is Denver, Colorado, and most of his clients reach him there. Heretofore his services have been in demand in Colorado, Arizona, New Mexico and Wyoming.

Now that a gentleman of the qualification and standing of Professor Nicholson has been here on professional business, and that he can realize the rapid advancement this country has made in so short a time, it is not improbable but that through his influence considerable more attention will be called to the gold fields of this favored portion of the country.

All the latest novelties in hats at Neill Mercantile company's.

**J. P. HOLLAND**

WHOLESALE  
AND RETAIL

**Feed, flour  
and Produce**

Retail Office, - Granite Street  
Wholesale office, - S. V. Ry Tracks

**THE  
NATIONAL BANKER**

84 and 86 La Salle St.  
CHICAGO, - ILLINOIS

A journal of national circulation. Is read by bankers, capitalists, investors, retired merchants. If you want to reach a good class of buyers and the moneyed and investing public, advertise in the National Banker. Thousands of copies of each issue of the National Banker goes to investors throughout the Middle West, Eastern and New England states. The best journal in the country in which to reach investors. Sample copies free. Advertising rates on application.

**A CHANCE  
OF A LIFETIME**

To get in on the ground floor of a well developed mining property adjoining the famous Bonanza mine. A limited amount of stock will be sold for 15 cents per share. For all particulars, address,

E. E. McCAMMON  
Sumpter, Oregon.

Or P. D. HEALY  
135 Washington St.  
Worcester, Mass.

**GRIZZLY STOCK...**

20,000 Shares at less than ground floor price. You can have it for 2½ cents in one lump, or 3 cents in broken lots.  
BEST BUY IN EASTERN OREGON

Write for particulars to

**BERNARD FLYNN** SUMPTER, ORE.

**I CAN locate you on a good TIMBER CLAIM or HOMESTEAD where you can double your money in less than two years. Yellow Pine or Fir and Cedar.**

**D. C. ROGERS**

206 STARK STREET

PORTLAND, OREGON