

EIGHT MINERALS FOUND IN CROOK

COUNTY'S RESOURCES ARE DESCRIBED

Bulletin Issued by State University
Treats of All Mineral Deposits in Oregon—Range of Price is From \$1.90 to \$700 Per Ton.

University of Oregon, Eugene, Feb. 21.—Crook county minerals are useful for many purposes, among which are the following: to make plaster of Paris, sealing wax, ornaments, water glass, papier mache and fire works. Information as to the location, value and appearance of these minerals is given in a bulletin just issued by the State University. The compiler is Abraham John Mitchell, assistant professor of geology.

Crook county is credited by the bulletin with eight minerals which range in price from \$1.90 per ton to an approximate \$700 per ton. It is the Trout Creek mines that produce the \$700 kind—stibnite. Stibnite is the source of antimony, which is used in manufacturing such things as safety matches, fireworks and percussion caps.

The black sand region about Howard contains gold, silver, cinabar, hematite, ilmenite and magnetite. Cinabar is the chief ore of mercury. Hematite is hard and reddish. It is used in making cheap paint, as a polishing powder, and as an ore of iron. Ilmenite may occur in compact masses, in thin plates, or in sand. It is used for lining furnaces. Magnetite, which is also an ore of iron, is named from its magnetic property.

Diatomaceous earth is found at Lowerbridge. It is white or cream color and lies in beds. It is used in the following ways: for making polishing powder, fireproof cement, fertilizer, water glass, tile glazing, sealing wax, gutta porcha, Swedish matches and papier mache.

The presence of gypsum beds near Bend and on the Crooked River supports in a way the theory that the region between the Cascade and Blue mountains was once the floor of an inland sea. For gypsum is supposed to result from evaporation of the waters of inland seas. It occurs in masses, but is soft enough to be scratched with the fingernail. It is used in making plaster of Paris and fertilizers. The value is about \$1.90 per ton.

The bulletin is headed "Minerals of Oregon," and treats of all the mineral deposits of the state. It may be secured free of charge by addressing the Registrar, University of Oregon.

This May Interest You.

If you suffer with pains in your back or side, stiff and sore muscles or joints, or rheumatic aches, or have symptoms of kidney trouble such as puffy swellings under the eyes or sleep disturbing bladder ailments, you should know that Foley Kidney Pills have benefitted thousands in like condition. Sold everywhere. adv

A desirable bread knife free with every annual subscription to The Bend Bulletin.

See Edwards for paper hanging—Adv.

LOVETT'S WORK PRAISED

Lake County Paper Says Crook Man is "Some Agent."

Under the caption, "Lovett An Admirable County Agriculturist," the Silver Lake Leader has the following to say in a recent issue concerning the Crook county agriculturist:

"A. E. Lovett, Crook county's agriculturist, is some county agent. Articles bearing his name are appearing in nearly all the papers of the state, and particularly the O. A. C. Bulletins and papers. Such an agriculturist is of inestimable value in putting a county thoroughly before the world. When U. S. Biologist R. A. Ward went to Crook county to investigate the matter of rabbit poisoning, Mr. Lovett was immediately at his side, and he has remained his working comrade, arousing his whole county to action and to the extent that they have practically ridded their municipality of the pest. When Mr. Ward and his assistant Garlough came to Lake county they were received with absolute coldness and indifference so far as official recognition were concerned, and had it not been for the north Lake county newspapers and a few wide-awake ranchers, the Messrs. Ward and Garlough would from any standpoint of substantial and practical help been hooted from the county. The Department knew what it was doing when it sent these experts in here, and local officials having the interests of the county at heart at all should have acted without a moment's delay."

Now Feels Entirely Well.
A. H. Francis, Zenith, Kansas, writes: "I had a severe pain in my back and could hardly move. I took about two thirds of a 30 cent box of Foley Kidney Pills and now feel entirely well." Middle aged and older men and women find these safe pills relieve sleep disturbing ailments. For sale everywhere.—Adv.

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Shearings

Work is progressing nicely on the Beegil grade, and the contractors promise that if the weather continues nice the grade will be ready for travel the first of the week. In order to accomplish this it will be necessary to close the road for several days this week, as the upper part of the grade will require that a part of the old grade be destroyed. As the road is being completed so early in the season, it is quite likely that the road bed will be completely packed before dry weather comes on. The Grandview and Geneva people have voted a special tax for road improvement and the roads will be put in such shape as to attract many auto tourists during the summer. These good roads will enable the people on this side of the river to get their wood supply from the timber country west of the Deschutes.—Deschutes Valley Tribune.

The farmers in the Metolus section all show a disposition not to let the thoughts of irrigation interfere with their making the most of their present plentiful supply of moisture in the ground. Most of them will be in the field for the next few weeks, and if we fail to have a satisfactory crop this year it should not be for lack of properly working the ground.—Jefferson County Record.

The warm rains of the past week reduced the snow from about three feet to eighteen inches. At present the weather reminds us of spring.—Crescent News.

You will be called upon this fall to select a permanent county seat for Jefferson county. What will decide the choice you will make? Will it be personal convenience and personal prejudice, or will you take a broadminded view of the matter and vote for the location that will be most economical to the county itself and most convenient and economical to the majority of the inhabitants of your county? A county seat should be located as near the center of population, and as near the geographical center of the habitable section of the county as possible. When a county seat is thus located, convenience and economy have carried the day. Applied to Jefferson county, the above considerations will place the permanent county seat of Jefferson county at Madras. Who can gainsay it?—Madras Pioneer.

Work will be well under way on the Crooked River road before the first of March according to the plans of Commissioner Blanchard. The

plans are to get the work started as soon as possible, and crowd it to completion before the roads get dry and dusty. A rock crusher will no doubt be purchased by the county and used for the first time on this road, Commissioner Blanchard said. These plans and a number of other important issues were discussed at the Friday luncheon which was held by the business and professional men of the city.—Crook County Journal.

If there is a more wide-awake set of boosters on the face of the globe, for the size of the town, than that at the little city of La Pine, we would like to become acquainted with them. We would pit five certain members of the commercial club of that town against five members of any other improvement or commercial organization for obtaining results in beneficial undertakings. The latest work that these men seem to have taken upon themselves, either individually or as an organization, is to have the Oregon, California and Eastern railway built south from Bend via La Pine, and then to Fremont, Fort Rock and Silver Lake, in place of branching off toward Fort Rock near Millican. In a letter to the editor, Robert E. Strahorn states that strong pressure is being brought to bear to run the proposed railroad up the Deschutes as far as La Pine in place of the route which has been given so much publicity. Mr. Strahorn states that the La Pine route will be fully investigated before the crossing of the Fort Rock valley is decided upon.—Fort Rock Times.

Jason C. Moore, the lessee of Summer and Abert lakes and L. O. Murphy, of Reno, arrived in Paisley on Tuesday evening and spent yesterday in obtaining samples of the waters of the Summer and Abert lakes. Mr. Moore is securing two barrels of water from each lake which will be used for demonstration purposes and for testing. Mr. Murphy is from the Reno Light & Water Company and is also securing small samples as a check upon the work of Mr. Moore. Murphy represents eastern capitalists who are desirous of obtaining accurate information upon the chemical properties which the waters contain.—Chewaucan Press.

Numerous of the farmers and ranchers of the Silver Lake valley are sowing the spring grain crops. This is a remarkable change over a short time ago when the snow was two feet deep over the valley.—Silver Lake Leader.

The Bend Co-operative Creamery has written to local citizens who are interested in the new creamery here, asking that the La Pine folks join hands with the Bend Creamery in making a bigger and better creamery there rather than building one here. The letter states that one large creamery is better than two small ones, and for that reason they want to consolidate the two. They agree to omit the usual 4 per cent for running expenses, they have heretofore been charging La Pine folks, and offer several other inducements. Their proposition met with an unkind reception among the stockholders of the La Pine Co-operative Creamery.—La Pine Inter-Mountain.

In a letter to Lynch & Roberts, the Union Meat Company, of Portland, congratulated them on the evident growth of this section as shown by stock shipments from Redmond for the past year, amounting to 121 car loads, or better than 10 per month. This was a big increase over the pre-

ceding year, but these figures will look insignificant when those for the coming year are totaled. The Redmond district is easily the best in the great Deschutes valley.—Redmond Spokesman.

Don't miss this. Cut out this slip, enclose with 5 cents to Foley & Co., Chicago, Ill., writing your name and address clearly. You will receive in return a trial package containing Foley's Honey and Tar Compound, for lagrippe coughs, colds and croup, Foley Kidney Pills, and Foley Cathartic Tablets. Sold everywhere. adv.

MARKET REPORT.
NORTH PORTLAND, Feb. 21.—A small run of 660 head of cattle found the market a shade easy. Prime steers brought \$7.50 with cows going at \$6.50 to \$6.75. A few good bulls went at \$5 with heifers and calves remaining on a steady basis. There was a good run of 4675 head of swine. Market was sluggish at first but soon picked up and tops remained at their former prices. Two loads of well finished hogs sold at \$8.15 with the bulk at \$8. Only a handful of sheep arrived. One load of excellent lambs averaging 102 pounds brought \$9.06; a nickle over last week's top. Ewes are quoted at \$7 and yearlings at \$8, market strong.

Spring will soon be here, Mr. Farmer, and you should be thinking of the seed you will sow. See The Bend Flour Mill Company's list of suitable seed for spring sowing.—Adv.

See Edwards for good house painting.—Adv.

REAL ESTATE TRANSFERS.
Issued By Crook County Abstract Co.
Alfaretta Orcutt to R. A. Dunn lt. 3, blk. 2, Lytle, \$400.
T. G. Fee to O. W. Tansey lts. 15, 20, blk. 15, Kenwood, \$843.90.
W. H. Staats to R. D. Davis lt. 5, blk. 4, Deschutes.

H. D. McIntyre to Jas. Breen bond for deed lt. 3, blk. 27, Bend, \$850, 2 yr. 6%.

Northwest Townsite Co. to Edgar R. Moore lt. 8, blk. 42, N. W. T. Co. 2nd add, Bend.

The Bend Co. to Bend Park Co. lt. 1, blk. 52, Center add, Bend.
Bend Park Co. to Chas. H. Vinal lt. 1, blk. 52, Center add, Bend.

A desirable bread knife free with every annual subscription to The Bend Bulletin.

NAME YOUR FARM.

(Madras Pioneer.)
No business man would think of doing business without a name for his business. A good firm name becomes an asset. Put the name of your farm where it may be seen from the public highway; also put it on your letterheads and on the products you sell. One of the big manufacturing institutions in this country has put up signs throughout its plant, as follows: "Protect Our Good Name." Name your farm, make a reputation for that name, and then protect it.

What Children Need Now.
In spite of the best care mothers can give them this weather brings sickness to many children. Mrs. T. Neureuer, Eau Claire, Wis., writes: "Foley's Honey and Tar cured my boy of a severe attack of croup after other remedies had failed. It is a wonderful remedy for coughs, colds, croup and whooping cough." It stops lagrippe coughs. Sold everywhere.—Adv.

THE PLUMBER GOES ON A STRIKE

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