BOHEMIA NUGGET

COMPANY.

Wm. B. Root, Editor and Manager.

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Senator Mitchell Guilty

tions. They made a recommendation for mercy. The case will be

BOHEMIA MINING DISTRICT

(Concinged from first page.)

as non-crystaline, etc. I will not charges. go further into the general discription of rocks as this will suffice, and

Rarely spherophyric approaching ore bodies will be found deeper in porphyritic, no quartz as a rule, a proximity to the source of the metrock as Andesyte.

view mountain a little serpentine is is no criterion to judge a deposit by. apparent, indicating metamorphism, If a vein is a fissure, and filled from on top of Fairview at lake rock approaches trachyte, in this vicinity in will be deep, a rich ore chute may flat seams turqois is sparingly found, occur at the surface caused by the indicating decomposition of trachyte, oxidizing effect of the air and steam and assuring the rock to be of erup- thus hastening the deposition of the tive origin, probably near a crater metal, or it may occur in zones that or a source of overflow from below, were filled and deposited successive-The veins are large and as a rule ly, but the major portions of the very straight. The general strike metaliferous solutions will subside northwesterly, with constant dips, to depths and gradually deposit, this but varying in different veins; are is history. I believe this district is true fissures and heavily mineralized. a substantial one and that it will be In the Crystal vein the deposition a great producer after some camps occurs in at least 4 distinct periods, now occupying much attention is first deposition of quartz bearing forgotten. And that deep mining zinc, copper, lead and iron sulphide is the solution of the ores continuity with gold.

with little or no metals. Third de- liarly adapted to this mode of deposit, varying minerals containing velopment and may generally be carthe metals discribed, also some and ried on by tunnels, but much labor timony and silver, beautiful crys- must be expended in such developtals of cryoberyl, tabular and com- ment, as all veins have their barren pound containing the rare metal, zones, and large veins will have inglucinium, also wavelite, and the creased zones of poorer or richer zeolites, providing its ignious origin | material, also hydrated oxides of iron in betroydal crystals were formed, and best of timber, and streams of pure showing their impressions imbed- water for milling and power; conded in the later crystals. The next ditions ideal for mining purdoses, deposit came from above and with the exception of transportaleached imperfectly through the tion and smelting. These conditions veins. This solution was charged must improve, the camp is worthy with carbonic acid, decomposed the of it. Vast quantities of base ore oligoclase from the country rock, could be mined profitably if these deposited carbonate of lime through two difficulties were overcome. It that portion of the vein that was is an awful hardship of a mine pervious. In places the interstices when \$20 ore will not pay expenses and depositing on the top of other crystals of quartz. This acid solution acted on the galena, covering much of it into cerrusite, it recrus much of it into cerrusite, it recrys- at present to contain ore is feasible, talizing into beautiful white needle and could be accomplished in first like masses.

below and from great depths, from their stability and of moderate

beneath the lime bearing andesyte. Notably in the mineral formation of the vein in the absence of sulphates, BOHEMIA NUGGET PUBLISHING many phosphates occur, notabley also that the zine was unaltered by subsequent percolation, no carbondate or silicate being present, nor carbonate of copper was formed.

In the Gold Cross vein some apatite and sanidin crystals may be found. This ore is gold ore bearing copper as chalcopyrite, and sparingly copper carbonate.

ORK TREATMENT,

The ore is suceptable to economic treatment, and with resulting high extraction of metal values. The gold occurs free and amalgamates readily, the lead, copper and zinc, can be saved by proper concentration, with little loss. In my trial run of the Crystal mill a separation of these three base metals was very The Federal jury at 11 o'clock satisfactorily made. The lead pro-Monday night brought in a verdict duct contained 80 per cent lead, of "guilty" after 71/2 hours delibera- equaling 97 per cent combined sulphide and carbonate of lead, about equally divided. Less than I per cent of zinc or copper present in taken to the supreme court at once. this concentrate after separation.

The zinc concentrate contained 32 per cent zinc, or about 50 per cent zinc sulphide and less than 2 per cent lead. This product was high in silica as the coarse sand are made of two or more minerals, mixed with the fine zinc. This diffithe association and condition of culty will be overcome by returning these minerals determining the kind the middlings which contain all the of rock. Minerals are determined coarse sand to the battery for finer by their form of crystalization color, crushing and a much higher zinc cleavage, refraction, polarization, product will result. The copper prohardness, specific gravity, streak, duct contained less than 10 percent luster, and chemical composition. zinc or lead and contained 832 per All minerals may be determined by cent copper. The cause of this product applying some or all of these tests, being so low in copper was the There are a very few exceptions in presence of much fine iron sulphide. forms of crystalizations known as This was an exceptionally trying pseudamorphs. Changes of crysta- ore to make a copper product on line forms or replacement of certain this account. In most ores this bases by others sometimes occurs concentrate could be easily enriched through heat of metamorphism, this and will be at the Crystal, for the is called paramorphic change, and is iron is dissemenated through the important in the study of rocks waste with very little in the o.e. like these under discussion, i. e., streaks When the ore streaks pyrexene is altered to horn blende, come together forming a sufficient act through patriotism. body to mine the ore and waste Minerals are classified as acid, separately a high grade copper basic, and ultra basic, depending concentrate will result, however upon the combined quantity of the these products resulting from my silica present. The free quartz in first run would be profitable were began and in traveling the Champion rock is not considered in determin- it not for the poor transportation basin road we passed the LeRoy, steady work ing its acidity. Rocks are classified facilities and high smelting Grizzly, Champion basin and several

ECONOMICS OF DISTRICT. this paper is already getting too long. prises, mining included is paralittle in some places. I classify the al bearing solution. Because a vein rock as Andesyte. Half down on east side of Fair- the ore peters out as depth increases in deposition and increased value. Second deposit quartz crystalized, The contour of the district is pecu-

The district is covered with the class condition including rolling The vein proper is silicious, and stock, machine shops etc. for \$250,an important feature in its forma- ooo. A smelter for handling the tion is proven by the absence of lime, except in the area where the carbonate solution filtered. As the chief acid constitutient of the with industry and properties that country rock is soda lime feldspar, are there, now looked at askance and as no lime occurs in the vein would soon be dividend payers. the vein could not have been filled | Capital is ready to invest in legitifrom the surface, it was filled from mate enterprises when assured of

A FOOLISH PLAN



'Tis n joy to eat-I welcome my dinner hour; Because I rout indigestion with August Flower Constipation is the result of indigestion biliousness, flatulency, loss of appetite self poisoning, anemia, emaciation, uri scid, neuralgia in various parts of th system, catarrhal inflammation of the intestinal canal and numerous other all-ments that rob life of its pleasures if they do not finally rob you of life uself.

mon expression of people who look mis-erable and are miscrable—yet who persist in "letting nature take its course."

What a foolish plan, when nature could aided by the use of Green's Augus Flower, which is nature's own remedy for constipation and all stomach ills. **Q**August Flower gives new life to the liver and insures healthy stools. Two sizes, 25c and 75c. All druggists.

Benson's Pharmacy.

profits. If the business men of each county would maintain a Chamber of Commerce and carefully compile statistics each year of the production and possible production of every resource within their respective counties and the State had and publish the reports from the samption or pnenmonia, it will, howof such reports would fall into the great remedy mentioned by W. T. right bands for consideration, rail. Metice, of Vanheer, Tenn. I had a roads would not be so dilatory in helped me, until I teck Dr. King's coming through and opening up New Discovery for Consumption, this great state. Such a bureau can Coughs and Coids, which gave lustant only be operated through the busi-unity be operated through the busi-unity be operated through the busi-unity be operated through the busi-through the business fraternity, and by those who and Lung Troubless. At Benson's

A TRIP TO BOHEMIA.

Continued from page one.

other mining properties; also the electric plant which supplies the The commercial end of all enter-grises, mining included is para-three miles above the reilaged station.

Oregon Securities mill with power when I was sick with typhoid and kidney trouble, writes Mrs. Annie Hunter, of Pittsburg, Pa., "and when GEOLOGY BOHEMIA MINING DISTRICT. | mount. A good mine with a good three miles above the railaoad station | fighter, of Pittsburg, Pa., and when The country rock of this district mill avails nothing if profits do not that three trout hungry men would the best doctors I could get, I was is comprised of the soda-lime fel- accure. The Bohemia District is arrive at 1 o'clock. Mr. Pitcher bent double, and had to rest my spar, oligoclase, and basic horn fissured with a net-work of veins blende, no biotite is present, little many of them true fissures, and glass to none in the base, color from showing value in various metals, light to dork one form fissured with a net-work of veins short time had the necessary number to supply the table. Some people beauth and strength, and now I can light to dark grey, fracture uneven, some sufficiently rich ore chutes trout, well the reason must be they simply wonderful. Guarranted to trout, well the reason must be they care stomach, liver and kidney dislittle to no orthoclase or sanidin, replacing oligoclase, in other places are filled from below and all indica.

The only real feeling worth record
The only real feeling worth recordmore orthoclase, and glass in base. tions point to the fact that the great ing that arose in the party while on the trip was caused by the writer having the biggest and finest trout caught for some time, set apart for his expecial use and benefit which a policy on your home and furniwas highly appreciated by him (if ture in the Oregon Fire Relief Asnot by the other two travelers.)

At five o'clock the city was reached the Ætna Insurance Company. and while the trip was some what lively especially to one who has not sat in a saddle for some time and has to follow Mr. Hard or get left behind it was an edjoyable and instructive trip.

W. B. ROOT,

C. F. Mitchell, the veteran road onilder of Bohemia was in town last

Ben Trygstad and wife are located bemia, where he is employed.

Registration of Land Title.

IN THE SIRCUIT COURT OF THE STATE of Oregon, for the County of Lane. In the matter of the application of Fred. M. Cole and Mary E. Cole to register the title to the Southwest fourth of Southeast quarter and Southwest fourth of Southwest quarter of section 31 in township 20 South, range 3 West of Wifte meridian

Arthur M. Sayre, arroy L. Rayre, Russell C. Rayre, Maud F. Sayre, Maud F. Sayre, Frank Jordan and all whom it may con-

Frank Jordan and all whom it may be fendants for All Whom it May Concern:

Take notice, that on the 29th day of June.
A. D. 1900 an application was field by said Fred M. Cole and Mary E. Cole in the Circuit court of Lane County for initial registration of the title to the land above described. Now unless you appear on or before the 4th day of Anguist.
A. D. 1900 and show cause why such application shall not be granted, the same will be taken as confessed and a decree will be entered according to the prayer of the application and you will be forever barred from disputing the same.

E. U. L.E.E.

Cierk.

Ladies! Read This.

The Misses Newland who have for some years conducted a millinery establishment in the city have decided to close out their stock. In order that you may know just what they propose doing, read their advertisement in another column.

Miner's Water-proof Shoes

Made by Strong & Garfield Co.

Warranted Non

7 inch Top. 10.00

No other boot has as many Water-proof qualities.

PACIFIC TIMBER CO

EAKIN & BRISTOW BUILDING.

COTTAGE GROVE

THE DIAMOND CURE

The latest news from Paris, is, that similar bureau to receive, examine they have discovered a diamond cure for consumption. If you fear convarious counties, and see that copies ever, be best for you to take that

> WANTED Mill and yard men by the Booth Kelly Lumber Co. at OFFICE IN OPERA HOUSE HULDING. Ceburg, Oregon. Good wages and

BENT HER DOUBLE

Tknew no one, for four week orders; at Benson's pharmacy : price

A Sensible Move.

Have Tom Awbrey write you up sociation, or your stock of goods in

FORCED TO STARVE.

B. F. Leek, of Concord, Ky, says:
"For 20 years I suffered agonies, with
a sore on my upper lip, so painful,
sometimes, that I could not eat.
After vainly trying everything else, I cured it, with Bucklen's Arnica Salue It's greatforburns, cuts and wounds, At Benson's Pharmacy, Only 25c.

Remember

at the Oregon Colorado mine Bo- That James Ostrander is agent for the Fisher Laundry Company of Eugene.

A SURPRISE PARTY.

A pleasant surprise party may b given to your atomach any liver, taking a medicine which will relieve their pain and discomfort, viz; Dr. King's New Life Pills. They are a most wonderful remedy, affording sure relief and once, for headache. dizziness and constipation, 25e at Benson's Pharmacy.

MILNE & ATKINSON REAL ESTATE Timber Lands, Mines and Mining Stock. Timberland and homesteads located.

Pharmacy, yrice 50c and \$100, guar. A choice list of City, Country and Timber Lands for sale. Houses for capted, Telal bottle free. rent in the different parts of the city. Rents collected for non residents.

COTTAGE GROVE, ORE.

Confectionery and Cigar Store

CHOICE FRUITS FRESH SODA

Full Line of CIGARS AND TOBACCO Hazlewood Ice Cream

HUTCHINSON, Proprietor

Cottage Grove Cigar Factory

PATRONIZE HOME WORK

Brand a Straight 10c Cigar BOHEMIA, A 5 CENT CIGAR.

THOS. CONGER

One door east of Metcalf & Brund

AND THE PROPERTY OF THE PROPER

Knowles & Gettys Bohemia, Oregon.

Knowles & Gettys Orseco, Oregon.

Miners Supplies at reasonable prices.

Our Motto: Good Goods at Reasonable Prices.

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Stoves and Tinware

Agricultural Implements Plows, Mowers and Rakes. Sole agents for the celebrated MILBURN WAGONS

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