

MINING NEWS Here and Elsewhere

Edited By
ANSON H. SMITH

THE CYCLOPIC MINES NOW OPERATING UNDER LEASE

The Cyclopic mine and mill are now being operated under lease, Jack McDonald, Tom Ramsey and Wilbur Wright having taken over the property for a few months. These men fill all the ore pockets in the mine and they hoist the ore into the mill and run it through the breaker and rolls and into the big leaching tanks. Last month the men shipped about \$1200 in auro-cyanides, the output of only part of the month. S. C. Bagg, owner of the property, attends to the operation of the cyanide department.

The Cyclopic mine is well equipped, having a 75 ton milling plant of late pattern. The incline from the mine opens directly into the mill, the hoist that raises the ore to the mill sets high above the breakers and the bins are so situated that the ore moves automatically through the plant. The mine is opened beneath the vein, which lies at a tilt of about 28 degrees from the horizontal. A drift has been carried along the anticlinal contact into the ore bearing territory and big ore pockets have been put in and the ore broken by the caving system. Practically no timbering is used, the ground being dry and standing well. Immense chambers show throughout the openings, where the ore bodies have been extracted. It is the impression that ore exists far to the south of the present workings, but as there is enough ore in sight to keep the mill working for more than a year no effort will be made to develop this part of the territory. Big pillars have been left to hold the ground and much ore has been left because of the fact that better ore is obtainable by following the smaller lenses. Assays show that everything in the mine will mill out about \$8, but the milling value of the ore extracted is \$12. The ore is crushed to 12 mesh and better than 90 per cent is extracted owing to the nature of the ore little crushing is required, the entire mass being brecciated quartz. The mill is dry crushing and little water is used in the operation.

About four miles southwest of the mine is a well and springs that furnish enough water for camp and mill uses and then have enough surplus for any other purpose that it may be called upon. The water is pumped over a divide into tanks and reservoirs, the capacity of all being about 20,000 gallons.

The camp is pleasantly situated, being on an elevation that overlooks the Wallapai valley and the Grand Canyon. Trains may be seen rounding the curve west of Hackberry and all the mountain ranges to the east are visible. Red lake lies below the camp a few miles and Music mountain across this big sand pit.

The whole country around the camp is overgrown with gayetta and grama grass and few cattle are upon the range, owing to the fact that water has not been carried down from the springs in the hills to the limits of cattle travel. With the introduction of water this would be one of the most ideal ranges in the county. And there is plenty of water for several thousand head and the grasses of that particular range would surely feed all the year round for a large herd. The country is accessible from Chloride or Hackberry, roads leading out to all adjoining points.

S. C. Bagg, owner of the mines and water rights, has operated the mines the past ten years and has done remarkably well, having opened the property, developed big water bodies and secured a splendid milling plant. A larger milling plant would enable the milling of the great ore bodies now developed in the mine as a whole, and allow the old stopes to collapse. In this way no timber need be used, the drifts being carried down along the contact and raises being carried up into the big ore bodies. And while the miners were working the mines the range thereabouts could be stocked with cattle, getting the market coming and going.

MAKES TRIP TO L. A. IN INTERESTS OF LEVIATHAN

E. M. Kelley and wife, of the Leviathan mines, departed Tuesday evening to Los Angeles, where Mr. Kelley will look after important affairs for his company. The Leviathan company is operating a plant in Los Angeles that makes a thorough clean-up of the concentrates shipped to it from the big milling plant at the mines, the product going to market as ammoniate of molybdenum and polybdenic acid. The company is turning out about a carload of concentrates monthly and expects soon to increase this production. It goes out to the cleaning plant containing about 16 per cent molybdenite and 16 per cent copper. At the Los Angeles plant these metals are separated, the products being clean molybdenum and copper. The copper practically pays the cost of shipment and cleaning, as well as the manufacture of the high grade products.

OIL MAN EXAMINES OLD MOSS MINE

C. D. Jenel, Of. Tulsa, Oklahoma, accompanied A. C. Werden to Goldroad this week to make an examination of the Old Moss mines, in which we understand that he is interested. Mr. Werden expects soon to get things shaped up for an active campaign on the Moss and it is not improbable that the old ore shoot may be picked up. This old ore body was extremely rich, the ore from the surface giving values away in the thousands of dollars.

FEDERAL INVESTIGATOR IN QUEST RARE MINERALS

J. H. Means, of Washington, D. C. an investigator under the war minerals bureau, is looking over the mineral fields of Mohave county to ascertain if the production of rare metals may be speeded up with the aid of the government. Mr. Means expressed the opinion that the demand for tungsten would increase largely during the year and that the price would also increase.

Mr. Means has been looking over the fields with the purpose of reporting to Washington and it is probable that all the tungsten fields of this county will soon be under more active operation. There are many important deposits of the heavy metal in the Wallapai and Aquarius ranges and with a little aid these deposits should be put on a producing basis. The one important shipper today is that of the Yucca Tungsten Company, which is shipping about a carload of rich concentrates monthly, besides a tonnage of copper. This property can be further speeded by the extension of saving devices and the greater development of the mines. The present management of the property has done wonderful work in the opening of the property to the present stage and with the expenditure of more money can fully double production.

Other properties can also be brought forward to a larger output and some of the claims that have no present production can soon be put in condition to make an output that would be of value to the war board.

NEW EMERALD ISLE PLANT WILL SOON BE OPERATING

Last Monday the mining editor visited the Emerald Isle plant, south of chloride, where he found a large force of men installing machinery and erecting buildings and getting the big plant in shape for early operations. Fifty news cells have been installed, buildings erected, rockbreakers and rolls put in through which the ore will automatically pass into the distributing bin and into the tanks. As incline is started into the ore body and will be carried to a depth sufficient to allow a glory hole being carried up to the surface and the caving system established for the breaking down of the ores. This will make the handling of the ores almost entirely automatic from mine to the leaching vats.

The plant will be capable of handling about 75 tons of ore daily, and expects to make a big extraction. It is the first electrolytic copper plant in the county and is said to be one of the most economical plants of the kind in the state. The design of the plant was worked out by the Mohave Engineering company of Kingman and the installation is under that company's direction.

SHEEP TRAIL PYRAMID MINES COMPANY IN GOOD ORE AT CATHERINE MINE

The Catherine mine which is being operated by the Sheeptrail-Pyramid Mines Company, is driving ahead on the 100 foot level with a small force of men. The vein at this point looks very good, the ore being of high milling grade. The property is under the management of R. S. Billings, consulting engineer of the company. Mr. Billings believes this property will soon be in the public eye on account of its large ore bodies and the excellent quality of the ore. Under the former management the vein was lost owing to a faulting of the vein system and this fault has been worked out and the vein picked up some distance from the old works. It is expected that the vein will again be opened on a deeper level and stopes opened throughout the developed ore bodies.

The mining editor expects to visit the property within the next ten days and give our readers the benefit of first hand information. As the property is one of first importance we believe our readers would be pleased to have our readers would be pleased to have other big gold mine in the county.

SCHUYLKILL MINING COMPANY DRIVING INTO THE TENNESSEE

The Schuykill Mining Company reentered the old Tennessee shaft and completed the trackage on the 900 level of the property. The work of driving the drift on that level to the Schuykill ground on the north is now under way and will soon be in a rich ore zone.

A sample taken across three feet of ore in the north drift of the Tennessee, close to the Schuykill ground, gave results of \$7.00 in gold and silver, 18 per cent lead and 16.8 per cent zinc, having a total value of better than \$60. On the levels above, close to the north line, there are other ore bodies that give big results in the various metals. Superintendent Kelly, who has been rushing work on the various projects of the company, expects to soon have the property in shape to produce a big tonnage of splendid milling ore. The ore in the Schuykill is showing big values and everywhere that openings have been made better and better results are obtained as work progresses.

With the erection of the big mill, designed for the property, this company will soon be on a dividend basis. It has a big estate of exceptionally good ground.

OATMAN STOCKS

Following are the latest stock quotations as furnished by Black Bros., Brokers and the sales for the week in Los Angeles and Oatman.

Adams	2
Alcyone	15
Argo	4 1/2
Ariz. Tom Reed	5
Boundary Cone	2
Gold Dust	10
Gold Ore	6
Gold Road Bon.	2
Lucky Boy	2 1/2
Nellie	3 1/2
Red Lion	20
Oatman United	2 1/2
Sunnyside	3
Tom Reed	1.51 1.52
United Eastern	3.67 3.80

(Advertisement)

Vote For Mac

Vote for good old honest Mack,
The man who blazed the trails
Of early days a long way back
Through mountains, hills and vales.
Those days when courage, brawn and pluck
Set sail for red mans land.
Some hidden treasures then he struck,
Throughout the hostile bands.

Mack Duffy, he will do what's just
As Supervisor here.
We know the man, in him we trust
Without the slightest fear.
Old Timer Mack is known long years
Throughout our Kingman town.
Mohave land will shed its tears
If he is turned down.

I do not know a better man
To fill the job than he;
Both qualified, and gentleman
Has always known to be.
When you do cruise election day,
On Mohave ship home bound,
Take passage with Old Captain Mack,
He will land you safe and sound.

—M. A. BURKE

NEW STRIKE IN WEST DRIFT OF GOLD ORE INCREASING IN VALUE

The new strike of ore in the west drift on the 650 foot level of the Gold Ore, mentioned in the last issue of the Miner, continues to increase not only in width, but in values, assays from the breast showing \$43.80 across 6 feet of width. The drift is now in 50 feet on the ore and the average of all materials coming from the opening runs better than \$30. This drift will be carried west through the ore body, which is 600 feet in length on the 500 level, but connection will probably be made with the main shaft, 45 feet to the south of the vein. The vein is north of the shaft and in the work done under another regime it was entered at a point about 200 feet east of the 650 station level. All drifting has been carried on from the point where the cross cut entered the vein. On the 500 level the ore body showed up as large as on the 650 but values at greater depth appear to have increased from \$8 to \$20. If this body continues west to the same distance and maintains its values it will prove the mine to be one of the big properties of the county, and there is no reason to believe that it will not be of greater extent. To the east Superintendent Werden has carried the drift 100 feet beyond the old breast and has opened a body of ore 4 feet wide that gives an average of better than \$14.

Take these two ore bodies and the high average values and it will readily be seen that the mine is fast passing from the speculative stage into a real mine. Both ore bodies will give splendid backs of ore, as the ground above has been practically untouched. As soon as the ore has been sufficiently opened a production can readily be maintained and development extended to new levels.

A. C. Werden, who is managing the property, may be relied upon to give the shareholders a run for their money and no false or misleading reports will be sent out from the property to boost the game of the stock peddlers. He has always given out conservative reports and always deprecated the methods employed to interest the public in the purchase of shares.

BETTER RAILROAD RATES FOR MANGANESE ORES

The War Industries Board has secured a new rate on manganese ore for Arizona points to Birmingham, Alabama, Chicago and other points where the mineral may be used in the smelteries. The rate will be published within a few days. The old rate was to Pittsburg and was unusually high. With a better railroad, a heavy demand and government aid, the miner of the alloy metal should be content.

THE METAL MARKET

Spelter is now quoted at 9.25 in St. Louis, lead 8.05, silver bullion is sold for home consumption at \$1.01 1-2. Some commercial copper has sold as low as 25 cents although all government work has to pay the rated price of 26 cents. It is the impression that at the next meeting of the price fixing board a positive price will be set on all metals, so that there will be no discrimination in the market. Every one should have to pay the same price for any of the metals, whether if be silver, copper, lead, or zinc, and the price should be an equitable one.

MINING INVESTMENTS
All authorities agree that a gold boom is due. We can now offer you a special opportunity.
BLACK BROS. BROKERS
Oatman Black Bldg.
Los Angeles, Cal.

PINK BEAN RAISER VISITS MINES HERE

Mr. and Mrs. W. J. Burnett, of Peoria, Arizona, were in Kingman a few days ago looking into mining properties in which they are interested. Mr. Burnett is known as the pink bean king of the Salt River valley, and is quite heavily interested in mining in this county. He is a shareholder in the Berkeley and the Mohave Queen. The Berkeley is now being operated by T. J. Sparkes, and is situated in Cedar valley mining district. Work is progressing on the property, the old main shaft being cleared of water and debris and the drift now being driven farther on the vein. A new shaft is also being sunk on the vein, where a new discovery of ore was made in a large vein.

The Burnetts have returned to their home in the Salt River valley very much pleased with the mining outlook.

CLUBBED TO DEATH AT STATE PENITENTIARY

Frank Spence, an old time miner and goat raiser of Yavapai county, was clubbed to death last Sunday by a crazy Mexican in the State penitentiary at Florence. The Mexican had been playing ball and returning from the field found Spence asleep and without provocation beat his head to a pulp with the bat.

Spence was sentenced to life imprisonment a number of years ago for murder and had served at least ten years. He was well known to many of the old timers of this county.

DEVELOPMENT PROGRESSING ON THE CHLORIDE QUEEN

J. M. Kellogg, of the Chloride Queen Mining Company, who has been at the mines the past week or so, was in Kingman yesterday on his way to Phoenix. He reports that the company has just installed a 60 horse power gas engine, compressor and pumps. The compressor has enough capacity to handle four jack hammers installed some months ago and has crushing and little water is used in been in commission while the shaft was sunk to a depth of 230 feet. Cross cutting is now being carried to the vein and it is proposed to drive along the vein several hundred feet. All drifting will be under the mountain and will gain depth with every foot of progress. The company will keep the work pushed at top speed, Sam Rhea being at the head of affairs and being noted as a speed king, when it comes to making progress.

The company is the owner of what was known some years ago as the Sunday School claim, the north extension of the Elkhart, where a network of veins converge.

FAGS FOR THE FAGGED
W. H. Bispham, the genial salesman of the Liggett and Meyers Tobacco Company, came into town from Phoenix last Tuesday and spent several days here attending to matters for his company. Mr. Bispham left a number of his samples of Star Chewing and Chesterfield smokes at the "sanctum" for the use of all from the editor to the "printer's devil". A tracer sent out after a number of missing packages of "cigarettes" brought to light the fact that they had been appropriated by the mining editor.

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