

The Nevada-California Power Company

Ham 7

Potosi Mine
Southern Nevada
Yellow Pine M.D.
Clark County

Milling Nevada
June 10th 1913

Mr. W. W. Charles

Tacopa, Nev.

Friend Mr. Charles

I am enclosing a report I have just received of a The Potosi Mine in Southern Nev. The report is made by a friend of mine who holds an option on the property and he has sent it to me asking me to try to interest you in it and remembering a conversation that we had a few weeks ago in which you told me that your company was looking for other properties. I thought that you might be interested in looking at this one.

I hear Mr. Harpending asking a conservative man. Was formerly in charge of the Nd. Lute Antelope and afterwards in the employ of the Nd. Lute during the of Round Mountain.

In his letter to me he says the purchase price is \$40,000 payable

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in three years. That it is a big proposition and is easily worth $\frac{1}{2}$ million dollars as it now stands. Also that his report is what we must see the mine to realize the value of it and that I need not be afraid of present report to my mining men as it will stand investigation any day.

If you can do any thing with it let me know or write

L. Harpending.

Las Vegas, Nev.

Hoping to hear from you in the near future in regards to same

Yours Truly

Harlan Acres.

File

Report on the Petesi Mine

Situated in the Yellow Pine Mining District, Clark Co, Nevada.

The Petesi property covers 28 claims, all grouped. The original Petesi claim being patented, and present work being done on said claim.

Formation

Is in Dolomite lime, but with intrusions of Quartzite. The ore lays in deposits, or large chambers, something similar to the Leadville deposits.

This formation carries Carbonate of Zinc, from 35 per cent to 52 per cent. Carbonate of Lead, and Steel Galena From 45 per cent to 72 per cent. All ores carries about 7 oz Silver. The lead and zinc ores in this mine are separate, and are all of a shipping grade, as it is broke down.

Equipment

Consists of 56 head of horses and mules and wagons and etc, above average value for freight outfit.

3 barns

2 dwelling houses

Bunk house & cook house

Black smith shop for repair work

Office and complete assay office

and several small buildings.

All of these are in good condition. Plenty of water at camp for domestic use, and piped to houses and troughs for stock.

Mine

is worked through a tunnel 700 ft long, and only has a back at its deepest place of 285 ft. Three levels are above the tunnel level, and a winze sunk 60 ft below tunnel level, are all in ore. On a conservative estimate 50,000 tons are blocked out, all good shipping ore. The mine has about $3\frac{1}{2}$ miles of workings, and from the portal of tunnel, all workings being done in ore. The 60 ft winze has an 18 horse power gas engine hoist. From the portal of tunnel the ore is trammed by a mule $\frac{1}{4}$ mile to tram way that lets the ore down to the loading bins 2800 ft.

These large ore deposits are almost continues throughout the mine, one step after another all through the workings. Sometimes a thin partition of lime cuts the bodies, but as a rule is not over 4 or 5 ft thick. The ores are soft and easy mined, mostly pick work.

Out side of ladder ways and etc there is not a stick of timber in the mine, as that character of lime needs no stulling.

This property shows ore croppings for 3 miles, and two places the ore creeps, is high grade Zinc, and would probaly open up as large a body of ore as the present workings. The mine is $19\frac{1}{4}$ miles from Arden, Nev, to which the ore is hauled. Each team of 8 head hauling 12 tons. The mine is shipping at present 1000, tons per month, mostly zinc.

Remarks

This old Potosi claim is the oldest known location in Nevada, and lead from this property was hauled to Salt Lake in the earliest days of the western frontier.

This property is a wonder, on account of its magnitude, and that the ores lay separate, and are all of a shipping grade. A tunnel drove below 1000 ft from the present one would undoubtedly open up a wonderful ore deposit, and from indications, the ores should be of a higher grade. In fact the ores being opened now in the 60 ft winze show a higher grade than those above the tunnel level.

Also with a new tunnel drove to cut the ore bodies, it would lower the mining cost about one third of the present ~~cost~~ cost. With present up to date methods of mining this property would become one of the biggest mines in the country.

J. L. Harding

Jan 8th 1913