

**QUARTZBURG MINES.**

**Interesting Facts Regarding This New Eldorado.**

The Prairie City Miner man has been over in the Quartzburg district, and gathered these interesting facts regarding that new Eldorado:

The first mine visited was the Willie Boy, owned by Ed. McIntyre. This property has two ledges; one running north and south carrying gold and silver, the ore assaying from ten to sixty dollars. The width of the ledge is from one to five feet. It is developed by a seventy-five foot crosscut and fifty feet of drift. The ore is lead, galena and iron and copper sulphides. It lays in the diorite and granite formation.

The other ledge runs northeast and southwest and carries copper, gold and silver. The copper will run from fifteen to twenty-five per cent, and the gold and silver will go about fifteen dollars to the ton. The character of the ore is copper pyrites with a heavy cobalt stain. The width of the ledge will average about ten feet. Mr. McIntyre has two other claims adjoining, the IXL and Pearl, one on the northeast and the other on the southwest. These two claims both show good values in copper. This group lays north of the Standard group and on the same copper belt. Ore from the copper ledge is identical to that of the Copper King.

Courteous and attentive treatment was received at the Copper King by Albert Mendenhall, the foreman, by showing the visitors through the mine and willingly answering any questions asked.

A force of men are at work crosscutting northwest to catch the foot wall and are in about sixty feet. They have ten or fifteen feet further to go.

As soon as the thirty-ton experiment is made at the Sumpter smelter, and proves satisfactory to the owners, a stamp mill will be put up to handle the large quantity of ore taken out of this mine. About five tons have been delivered to the smelter and about fifty tons is sacked and on the dump ready for shipment. Owing to haying, teams are scarce, but as soon as possible the remaining twenty-five tons will be shipped to the smelter.

Dinner was taken at the camp of Fritz, Dwyer and Reynolds, and too much cannot be said in praise of the treatment received at the hands of these gentlemen. The meal was first-class and Fritz proved himself to be a genuine cook. Several months ago these gentlemen secured a two-years bond on the Lone Star group of claims, and from that time until recently have been doing development work. The ore is base down twenty feet, where oxidation takes place and makes it free. The ore proper is sulphide. About seven tons of ore is on the dump and from assays made goes ninety-five dollars to the ton.

They recently secured a ninety days bond on the Clayton and Guker group across the gulch from the Lone Star, and have a day and night crew at work. This group consists of the Chipmunk, Daylight and Fairview. The bond also takes in the water and placer rights.

Drifting is being done on an ore shoot coming to surface thirty feet ahead. At the bottom of the shaft the ore assays sixteen dollars—three and 1/4 per cent copper and the balance in gold. Eight hundred dollars was taken from the surface of this property last year and milled at Quartzburg.

The Willie Boy, Standard, Lone Star and Clayton and Guker groups are all situated on the east fork of Dixie creek.

The Johnson arastra is running on custom work.

The Present Need group, owned and operated by W. E. Gifford, was visited in

the afternoon. Everything about this property is conveniently arranged and neat as a pin. All Mr. Gifford lacks is a commission for postmaster and he would have a little village of his own.

He has 105 feet of crosscut and 240 feet of tunnel on the lower level. Fifty tons of ore that will go from twenty-five to two hundred dollars is now on the dump. The ore is gold, of a free milling nature on the surface, but with depth becomes baser.

Mr. Gifford has an arastra under construction, of his own make and invention, that will save seventy per cent and is equal to any five-stamp mill. This arastra is a great improvement over the old Mexican arastra. The bed and walls are solid rock and the drags are blocked out to exactly fit the side walls, thus grinding as much against the outer wall as on the bottom. The position of the drags when in operation throws the pulp towards the outside wall, and the waste pipe being in the direct center allows no values to escape.

A forty-horse boiler is now on the way. The boiler will be put on a solid foundation near the arastra and the engine will be installed in the mine, which can then be used for hoisting purposes, besides running the arastra. The engine will be used during months of the year when there is not sufficient water.

The roaster is of his own invention and make. The wood is put into the furnace by a hoist and any size chunks can be used.

Mr. Gifford is truly a Yankee genius and the wagon shed, barns, house, sheds, dump-bin, and in fact everything about the place is built in his own original and convenient style. He is now contemplating a self-feeder for the new arastra that will drop the ore automatically and can be regulated to any speed. The hopper can be loaded and the feeder and arastra will do the rest for several hours at a time without an attendant.

Every bolt and iron supporter used on his different apparatuses was made from the raw material in his own blacksmith-shop by himself.

Since taking possession of the Present Need Mr. Gifford has taken out about \$14,000, and up to the time of inventing his own arastra only about fifty per cent was saved, thus making about \$28,000 of ore that has been taken out of this mine.



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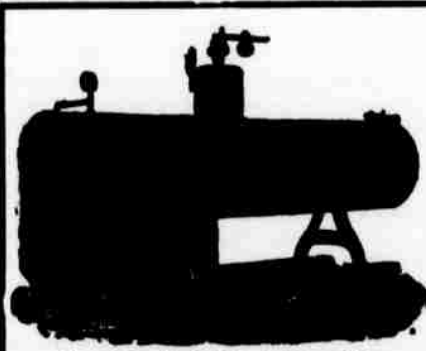
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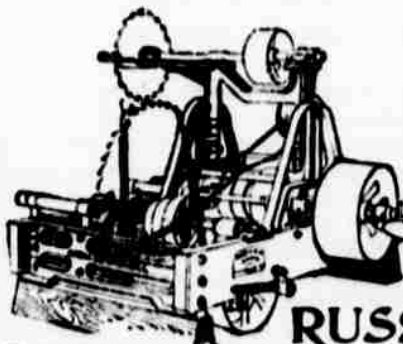
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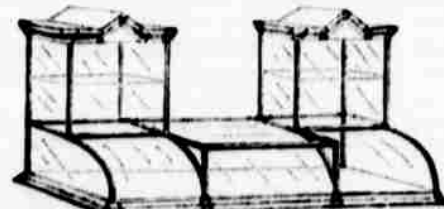
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