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MINING NEWS.

CENTER STAR.

The surface of the mine resembles a particularly busy ant-heap. In one direction are to be seen a body of men mixing grout for the foundations of the new compressor plant this work started just over a week ago, should be completed within the week. The building itself is finished. A feature of it is the metal roofing. Instead of the ordinary wooden shingles, pressed steel imitation shingles are used. The cost of these is slightly more than those commonly used but the cost of laying is considerably smaller, and the total expense is, therefore, about equal. The advantage as a protection from fire is at once apparent. The shingles were supplied by the Metallic Roofing Company of Toronto. In another direction a small army of men are employed in framing timbers for the large hoist. Here again a pneumatic auger has greatly lessened the labor in making mortices, etc. Under the huge gallows frame are being constructed storage bins, the work being very well advanced, and it may be said to be nearing completion. The main supports of this hoist are resting upon solid concrete foundations, and can be expected to be able to resist any conceivable strain in this direction. Behind the hoist another party of men are finishing the excavations for the hoisting engine. A small hoist is in position, but new machinery is to be installed as soon as the ground is ready for its reception. Over this passes the roadway, the chasm being crossed by a massive bridge from two 12-inch squared timber trusses, which have similarly solid foundations reaching 30 feet below the level of the roadway. Such strength is requisite, as the thoroughfare is practically the only means of conveying weighty machinery to the higher levels of the mine above the War Eagle. As a sample of the way method is carried into the workings of this mine, mention may be made of a device for painting. One man was employed in giving a coat of black paint to the corrugated iron roof of the big boiler house. Ordinarily speaking, a regular gang would have to be employed to finish the undertaking within any reasonable lapse of time. The employment of a paint spray, worked with the aid of compressed air, by which the paint is distributed over the surface in finely divided jet, enables the work to be accomplished not only expeditiously, but with great economy of both material and labor.

IRON MASK.

T. Sampson Hall, the Superintendent of the Iron Mask, reports that the usual progress is being made in the mine. The

sinking of the east shaft continues at the rate of about one and a half foot per day. The sinking of the No. 2 winze in the west end of the mine is making good progress. This is being sunk to the 500-foot level, and is now down below the 150-stage. No ore is being shipped for the present as none is being broken. A nice ledge has been uncovered in the winze, and as soon as the development under way is completed shipments will be resumed.

EVENING STAR.

Stopping on the lower levels continues. A winze has been started on the lower level on the vein, and this has been driven but a short distance. The winze is 100 feet in from the mouth of the tunnel. The ore here is the richest that has yet been found in the mine and runs up as high as \$100 to the ton. It is a high grade chalcocyp-rite. The ore shoot which is being sunk on is about 140 feet in length. The Evening Star is being rapidly developed into a valuable mine.

CALIFORNIA'S PLANT.

Rossland, March 27.

At the California yesterday the new 10-drill compressor was started and worked in a perfect manner. There was not a single hitch in any portion of the machinery, and Mr. W. Y. Williams, the superintendent, expressed himself as pleased with the manner in which it operated. The air was turned on, and one of the power drills operated, and was found to operate very satisfactorily. The force on the California has been increased to 25 men, and from now on it is certain that the work will be pushed rapidly. The first work will consist of the deepening of the shaft and the extension of the tunnel.

THE ORO DENORO.

Rossland, March 27.

Mr. Ross Thompson has returned from a visit to the Boundary Creek country, and while there he inspected the Oro Denoro, which is being operated by the King Mining Company. There are 25 men employed on the mine. One tunnel is in fact a distance of a 150 feet, 60 feet of which is in ore, commencing at the surface. On the same level over 100 feet of drifting has been done. Another tunnel is now in about 200 feet, and it is expected shortly that it will tap the ledge at a vertical depth from the surface of 250 feet. The 60 feet of ore encountered on the upper level will average about \$20 to the ton, most of the values being in copper. The ore carries only a small quantity of gold. Within a short time after the ore has been found on the lower tunnel the property will be in a position to ship from 50 to 60 tons of ore per day.

VIRGINIA LOOKS WELL.

Word just received from the Virginia mine states that it is coming to the front in good shape. The shaft has reached a depth of 208 feet. Sinking has been stopped while the work of opening up the property with drifts and crosscuts goes on. On the 200-foot level a drift is in 50 feet and when it is pushed in far enough the ore body will be cross cut on that level. The ore at that depth looks very well. On the 100-foot level the vein was cross-cut and the ore body found to be 100 feet wide all of which pans. The ore is of a schistose character and very soft. Drifts have been pushed on the vein on this level 16 feet one way and 12 feet the other. The work of drifting and cross-cutting will be carried on extensively before more sinking is done. This mine is proving to be as valuable as it promised in the earlier stages of its development.—Rat Portage Miner.

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