



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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Concentrates

A Concentrated Summary of the Mining Activities of the Southwest

COCHISE COUNTY

Swisshelm Gold-Silver Company, recently shipped a carload of ore to Calumet & Arizona smelter at Globe, which showed a silica content of 25 per cent and the gold-silver content valued to \$31.80, of which \$8.60 was in gold and \$23.20 was in silver.

Shipments of silver, gold and lead ore from the Tombstone district both by lease and by the Bunker Hill company continue to average in the neighborhood of 100 tons per month, according to the report at the local depot. With silver at \$1.30 an ounce this means a production of at least \$100,000 per month.

It is reported that a rich body of ore has been struck on the properties of the Arizona Mining company, at Dragways on the body running \$75 to \$100 in silver and lead.

Calumet & Arizona Mining company have declared a quarterly dividend of \$1.00 per share, payable March 22nd, an increase of 50 per cent over the last quarter.

A strike of sulphide copper ore is being made by the Middlemarch mine, situated about five miles from Pearce. Ore carrying values of silver and gold was reported in the main shaft at the 800-foot level.

L. Fuffner of Paradise reports several mining properties in the Tombstone district in which he is interested are being favorably, the Cochise Mines company has recently installed a new engine which is driving a de-watering tunnel. Also the Ajax property will start work soon, as well as the Apex Extension Co.

Shattuck Arizona, in the last two months has shown signs of a recovery in operations, after a period of partial suspension of the mines due to fire.

GILA

Production of the Miami Copper mine is being kept down awaiting a market. Production is averaging the same as 1914 production.

Work on the main shaft of the Iron mine in the Globe district from the 1300 to 1500 foot level was started recently. Progress on the building for a new concentrator is rapid. Ore recoveries are being steadily increased.

Old Dominion at Globe is doing deep sinking. The main operating shaft has been sunk from the 18th to the 19th level; K shaft from the 19th to the 20th level; the Grey from the 14th to the 16th level.

In the report for the quarter ending December, 1919, more than 120 feet of drift has been added to the Footprint of the Superior and Boston companies at Globe. Several small stopes are being opened on the 400 level. Drifting on the 600 level is also reported to be in progress.

Van Dyke Copepr company of Miami established the world's record in sinking, having sunk 10 feet a day

for one month of 31 days, or a total of 308 feet.

It is reported that a rich strike has been made on the 140-level of the Irene mine which is situated in the Globe district, about one mile north of the Old Dominion.

The Porphyry Mining company of Globe has successfully completed the under-raiming of the drill hole for the 12½-in. casing at the old Barney shaft and the casing lowered to a depth of 500 feet.

The Gila Copper Sulphide company at Christmas has emerged from its trouble with formal action by Judge Sawtelle, in the U. S. Court of Arizona, in dismissing the receivership and turning the property back to the owners.

GREENLEE

The Stargo mine, located one mile out of Morenci, has been shipping to the C. & A. Smelter. The silica content has been as high as 82 per cent and the net return on a carload after paying all freight and smelter charges was between \$1100 and \$1200.

The \$150,000 mill of the Duncan Mining & Milling company has been completed and is now ready for operations. As soon as the mine is unwatered, which will take about 15 days more, active mining operations will be commenced.

MOHAVE

W. D. Grannis has made preparations for the resumption of work on the Great Republic mine of the Arizona Bullion company in the Cedar District. The Great Republic is one of the old producers of the Cedar district and they claim to have gold opening running better than 50 ounces of silver.

President Wold, of the Tom Reed company, Oatman, reports conditions better at Oatman than at any time in the last three years. Oatman is said to be paying the highest wages of any gold camp in the world.

The Petosi mine, formerly the Bella Union, situated at Chloride, is reported to have been taken over by Chas. Schoenmehl, who is planning a campaign of development.

The shaft of the Kingman Silver-Gold Mines company, situated about eighteen miles from Kingman, in what is known as Hardy's Butte, has reached a depth of 30 feet and a big hoist and compressor installed. The work from now on is to be carried on with machine drill and big progress is expected.

Considerable excitement has been caused in Oatman by the opening of an ore body in a crosscut from the tunnel level of the Alexander mine of the Oatman Southern Mining company. Four feet of the vein are reported to have given assays of more than \$2,000 to the ton.

The Combination Silver Mines company of Hackberry, which took over the Combination properties recently, is getting shaped up for a busy season of mining is the report coming from that section.

The crosscut from the 540-level of the Telluride mine at Oatman, has been carried over 40 feet and is close to the ore shoot that was encountered on the 330-level.

Leasers of the Rainbow mines at Chloride have entered an ore body three feet in width that gives average samples of from \$50 to \$75 per ton. This ore body was encountered close to the lower level and gives backs of 250 feet for stoping.

Recently the Chloride Queen Mining company shipped a small car of ore to the smelter at Humboldt which netted \$1270 or \$35 per ton.

It is rumored that the Senate Silver Mines company and the Hackberry will consolidate.

It is understood that the Elkhart mine is to undergo thorough development after which the main shaft will be actively extended in depth, crosscuts will be carried to both walls and into the paralleled veins.

Operators of the Antler and Copper World claims, east of Yucca, are sinking a winze below the 100-level of the Antler. Ore taken from this winze is said to carry values of 24 ounces silver, 30 per cent copper and a small amount of gold.

A good body of ore is reported 390 feet from the portal of the tunnel being driven by the Gates Ajar, Kingman. The ore shows silver-lead values.

The Goldroad Annex Mines company at Kingman is being financed to the extent of \$50,000 for development work, according to report.

The Copper Age mine at Chloride which is owned by the Arizona Ore Reduction company, is driving its tunnel towards a cross vein, and at a depth of 2800 feet from the portal has struck a flow of water that is said to indicate proximity to the vein.

The mines and holdings of the Arizona Butte Mines company have been examined recently by eastern men and it is announced that they recommend the financing of the properties on a large scale. New equipment will have to be installed to carry on this work.

The Diana at Chloride is making good headway according to recent reports from that section. On the 300 the drift has been cut 70 feet west and 18 feet east. Fifty feet west of the main shaft a crosscut is being run to tap the foot wall. An eighty-foot ore shoot is encountered which shows to be a very good milling ore.

The shaft of the United American at Kingman has reached a depth of 450 feet. The vein now being entered is unexplored, no work having been done on it at any point, although the outcrop looks good.

Drifting is being carried on to the east of the shaft on the 650 level of the Gold Ore mine.

It is reported in Kingman that the Diamond Joe mine has just made a shipment of concentrates.

A new lease has been made on the Rainbow at Chloride. A strike of high grade was recently made and the ore is being hauled down for shipping.