

ROAD TO SASO SMELTER READY

Trains to Be Hauling Slag Within Two Weeks; Mine Workers Buy Group.

Tucson, Ariz., March 18.—Trains will be running regularly over the Arizona Southern within two or three weeks. The Arizona Southern runs from Red Rock on the Southern Pacific to the Silver King mine and Sasco smelter, recently taken over by the Guggenheim interests.

A force of men has been put to work by the Southern Pacific repairing the tracks and bridges of the Arizona Southern. It is expected that much of the slag at the smelter will be used for ballast.

The Guggenheims have men at work overhauling the mechanical equipment of the mine and another work will see work started on the smelter. Much work is to be done on the plant for a general rehabilitation is contemplated. The sampling mill will be reconstructed and a new chemical laboratory added.

Employees Buy Mine Group. Information received here from a reliable source is that employees of the Ray Consolidated Copper company have purchased the Jewell & Corbett group, the 100-acre mine and mill, for \$150,000. This bonded the property six months ago, with the understanding that if the showing was as good as \$150,000, the deal would be consummated. They packed the ore four miles on burros and shipped it 40 miles to the Hayden smelter, paying for the expenses of development. The ore runs from 25 to 35 percent copper and its silver content brings the average value up to \$12 a ton.

For the purpose of determining whether a narrow gauge railway or an aerial tram would be preferable, the Empire Zinc company is having a survey run from the San Xavier mine to the Twin Buttes railroad, eight miles distant.

Four carloads of concentrates have already been shipped from the paymaster mine a mile and a half south of San Xavier. The mill was started only March 18. The concentrates run 40 percent lead, 15 percent zinc and 75 percent silver to the ton. The capacity of the new mill is 50 tons of ore a day. Its chief advantage is that it effects a separation of the zinc, for the Hayden smelter company has been paying a smelter penalty of \$5 a ton because of zinc, besides losing the metal. The plant is saving 65 percent of the zinc value.

Water for the mill is furnished from a reservoir with a capacity of 1,000,000 gallons, created by the building of a large dam. A pump with a capacity of 150 gallons a minute lifts the water to the mill.

Development work is going forward rapidly. A new shaft is being sunk on a 20 foot ledge of ore that runs 345 a ton in lead and 150 in silver. The shaft is 400 feet from the old Yuma mine, 11.2 miles west, will begin arriving in Tucson within a short time. The crushing plant is now in successful operation. It consists of two machines, one for fine pulverization.

The Yuma is being worked chiefly for molibdenum. Its ore averages 25 a ton in gold. Large ore reserves are in sight and more are being opened, as 100 men are engaged in mine work.

Col. Tom Randolph holds the Old Yuma under bond. He spent about \$100,000 for equipment and preliminary work before the crushing plant was started. Much of this was expended in securing a water supply. The shaft is 400 feet from the old Yuma mine and a half mile from the water and force it into two tanks at the mine, which has a capacity of 2,500 gallons.

ASH CREEK IS RICH DISTRICT

Strike Made in Sulphur Gulch Is Attracting Much Attention to District.

Winkelman, Ariz., March 18.—The Ash Creek mining district is coming into its own. Unless all signs are misleading the district will be one of Arizona's big gold and copper mining districts when it is developed as it should be. Rich strikes are being made in the properties now being worked, one of the most notable strikes being in the mine of the Ash Creek Gold Mining and Milling company, by J. H. Pool.

The strike made by Pool was in Sulphur gulch, where a rich deposit of native gold, cupriferous pyrites were found at shallow depth, and several pockets of free gold have been uncovered. Pool is now working his Sulphur gulch mine, taking out ore that runs from 25 to 35 percent copper, and from three to nine percent gold. Some of the free gold surface ore runs as high as \$100 a ton.

Evidence of Tungsten. There are also evidences of tungsten and other valuable metals and miners are beginning to realize that the district needs not only capital to develop the rich deposits. There are many prospectors in the district and they are being attracted to the district by the fact that for custom ore the Ash Creek Gold Mining and Milling company, through Mr. Pool, has offered to give substantial bonuses to the discoverer of a rich deposit. The argument also is put forward that the location, being a central one, would enable the concentrator to handle a great many mines.

The Arizona Eastern railroad runs through the district and a mile of track would carry the concentrates to the Hayden smelter, where they could be shipped to the Hayden smelter, five miles away.

Near Christmas Mine. This district lies about two miles across the country from the Christmas property, which has ground opened to over 800 feet deep, into the Guggenheim. It is reported that the Guggenheims have taken this over if they had not known it to be a poor mine.

The London Arizona mine sold a few years ago for \$200,000 and in the last year very rich gold deposits have been discovered on this property which was considered a copper mine with very little gold value. This property lies southwest of the Christmas mine and joins the London Arizona ground, where there have been discovered rich and large deposits of free gold and this has been worked now for nearly a year.

Colorado men who have visited here say that they never saw such a lack of excitement over a rich strike as was exhibited over the one here, called the Sulphur gulch strike. They say it had been in Colorado there would have been a stampede.

Rich in Copper. Copper strikes about 50 percent have been found here. The dyke that cuts through the Ash Creek ground ground in from 25 to 60 feet wide. It carries 25 percent copper and \$105 gold in from 25 to 150 feet in the main shaft of the mine and on the 100 foot level are assays 342 gold and 100 percent copper. The Ash Creek company has five levels paralleling the dyke and the assays were made from one of the levels.

Phoenix and Tucson men have been inspecting the property here with a view of buying an interest.

MAGNA TO PAY 50 CENT DIVIDEND ON MARCH 31

Superior, Ariz., March 18.—Holders of stock in the Magna copper company will receive a quarterly dividend of 50 cents, March 31. As the January earnings of the company were \$400,000, it is expected that the dividend will be increased before the end of 1916.

ENGLISHMEN GET TUNNEL PROJECT

Mine Near Superior, Idle for 25 Years, Is to Be Reopened.

Superior, Ariz., March 18.—English capitalists are understood to have secured control of the famous old Silver King mine, four miles from Superior, and to be prepared to spend a large sum on development work. Information from a reliable source is that \$200,000 will be spent at once for machinery.

A. B. Downes, an English mining engineer, has held an option on the Silver King for some time. John B. McCabe, of Phoenix, is one of the principal owners.

Discovered by Soldier. The Silver King was discovered in 1872 by a soldier named Sullivan, but he was unable to go back to his strike. It was rediscovered in 1875 by Isaac H. Copeland, Charles G. Mason, Benjamin W. Logan, William H. Long and one other man whose name has been lost to history. Although the mine was discovered in 1875, it is credited with a net production of \$12,000,000 in 25 years. Cortez, the mine, is believed to be the lower workings and it is believed that with deep development the Silver King will become a rich copper mine.

Wheeler Outlines Plans. Dr. Wheeler outlined his plan to the directors of the tunnel project. He outlined the Wheeler tunnel will be 1,000 feet long, 10 feet wide and 10 feet high. It will be driven from the Hayden smelter to the Hayden mine, a distance of 10 miles. The tunnel will be driven from the Hayden smelter to the Hayden mine, a distance of 10 miles. The tunnel will be driven from the Hayden smelter to the Hayden mine, a distance of 10 miles.

Freighting Copper Ore. To the Hayden Smelter. Tucson, Ariz., March 18.—Gas Maderbach is freighting ore from his claims, eight miles southwest of Hayden, on the quartzite road, and has already shipped several carloads to the Hayden smelter. The ore averages from five to 25 percent copper and from \$25 to \$250 a ton in gold. Maderbach has a large tonnage of this ore developed on his 21 claims.

STEEL TRUST CHIEF FACES INDICTMENT

Train Bulletin. Texas & Pacific train No. 5 from El Paso to Dallas, left at 12:25 a. m. Sunday. All other afternoon and night trains for today are reported on time.

Dr. A. T. Still, Osteopathic Physician. Dr. Irwin Collins, physician in chief. Dr. George R. Wells, Dr. Carl Gibson, who were in Phoenix. They cured others. They can cure you.

Head Line Abolished. New York, March 18.—The Salvation army's famous head line in Cooper square will be abolished. It is an annoyance to the city and has become convinced that the men who compose it are beggars who do not wish to work. An officer of the army was unable to find one who would accept a job.

El Paso Distilled Water Co. Ph. 452. Turpentine Exploited. Firey Burns. Cincinnati, Ohio, March 18.—Fire Friday night practically destroyed the six story brick carriage plant of the Sasser and Scoville company here, entailing a loss, officials of the firm say, of \$200,000. It is believed the fire was started by the explosion of turpentine in the boiler room.

Dr. Baubert, Dentist, 2116 1/2 Ph. 452. Get offered 210 Jobs. Boston, Mass., March 18.—Della Birge, a girl of 18, has a choice of more than 200 situations if she is permitted to remain in this country. An announcement that the girl was in danger of being married to a man who was followed by 210 calls upon the immigration officers by police officials to solve their migrant girl problem.

WILL OPEN MINES AT DEPTH AND SERVE FOR DRAINAGE AND TRANSPORTATION.

Unpatented Claims, Real Estate and Title Vested in the Holder.

BY WILLIAM F. DE WOLF. Present, Ariz., March 18.—Mining operations in the Bradshaw mountains are soon to be furthered by a tunnel project of some magnitude, to the extent of developing drainage and transportation tunnel enterprises of the Bradshaw district of Colorado. Plans to the Arizona land office and recent advice are to the effect that they will soon reach the constructive stage. Preliminary surveys have been made, topographical and geological reports have been submitted and the necessary capital has been subscribed.

The Bradshaw mountains are rich in gold, silver, copper, lead, tungsten and zinc ores. The mines of that section for many years added generously to the material wealth of Yavapai county and have prominent place in the mining history of Arizona. The proposed tunnel is to be utilized as a means for opening these mines at a depth considerably in excess of their present lowest levels. Dr. F. A. Wheeler, of Chicago, is the dominating factor of the tunnel enterprise. Associated with him are capitalists of that and other cities of the middle west.

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NEWS BREVITIES LOCAL AND GENERAL

Advertisement. Making an anti-American speech in Spanish and received his wounds in a scuffling fight. Officers stopped the outbreak.

Dr. Anna Reum, Buchler Bld. over Elite. Dr. Anna Reum, M.D., Open Evenings—512 San Antonio, Opp. Court House.

Mayer's Jury Disagrees. Toledo, Ohio, March 18.—Unable to agree after deliberating 42 hours, the jury in the case of former mayor Chas. H. Keller, was dismissed Friday afternoon. Mr. Keller was tried on a charge of accepting a bribe in connection with the sale of fire apparatus.

Dr. Appman removes corne, bunions, ingrown nails, etc. 1015 1/2 Ph. 452. Cole Younger, Former Bandit, Ill. Lees Summit, Mo., March 18.—Cole Younger, former bandit, who is ill at his home here, is reported to be in a serious condition by his physicians.

Longwell—Be careful of your baggage checks. Leave at Longwell's. Tel. 1. Allen Gangster is Killed. Rockdale, Va., March 18.—Jack Allen, formerly of El Paso, was shot and killed by a posse of men near Mount Airy, N. C. Will McGee, who was with Allen and who disappeared immediately after the shot was heard, is being sought.

Dr. Albert, dentist, 216-218 Mills Bldg. El Paso Seed Co. Open Evenings—512 San Antonio, Opp. Court House. Inventor Tesla Claims Poverty. New York, March 18.—Poverty was appointed today for Nikola Tesla, inventor. In supplementary proceedings instituted by the city in an effort to collect a judgment for \$20,000, Mr. Tesla, who is known for his wireless and other electrical devices, testified that he was living on nothing and the judgment was one of many.

UNPATENTED CLAIMS, REAL ESTATE AND TITLE VESTED IN THE HOLDER.

Phonny, Ariz., March 18.—Unpatented claims on the Arizona land office and title thereon is vested in the holder, not the government. This is the decision of the supreme court of the District of Columbia in the Cameron case. It affects every owner of an unpatented claim in the whole country.

Two years ago the general land office through the Arizona land office of Phoenix, instituted contests against 13 unpatented claims in the Grand Canyon, held by Ralph H. Cameron. Cameron claimed that the government no longer had any right or title to the locations, that they were his property to be decided or mortgaged as he saw fit. The government, he claimed, could not contest his title in one of its own departments but only in a regular court of law. The government claimed that it held title to the locations until patents were issued.

Cameron applied to the general court for the district of Arizona for an injunction restraining the land office officials from contesting his title to the claims in question. The injunction was granted so Cameron carried the matter to the supreme court of the District of Columbia, which has ruled in his favor.

What the tunnels at Cripple Creek are doing for that district. It is by all odds the most useful and important mining project ever planned for the development of a mineral area in Yavapai county and is one that mining men in general will watch with more than ordinary interest. It means a dozen or more flour mills will be constructed and a score or more mining properties opened at depth. It will afford ore transportation facilities with the mill and insure uninterrupted traffic between the mine and mill at all seasons of the year. Its greatest value, however, will be as an exploration agent. That is to say, the confidence for ore findings and the development purposes will be advanced all other.

To Reach Many Mines. Notable among the mines the tunnel will open at depth are the War Eagle-Gladstone, Nelson, Spring Green, Fairview and Lincoln. Each of the properties mentioned has produced upward of \$500,000 worth of gold and silver ore under the most adverse mining conditions and shipping conditions. The tunnel will open up the most important veins in the Bradshaw district, once the Wheeler tunnel taps the ore bodies at depth.

Complete Road to Mine. The Arizona Telegraph and Mining company, operating in the Maynard district, 12 miles east of Kingman, has just completed the building of a road from the company road to the main shaft on the property, a distance of about a mile and a quarter. Drilling will now be resumed north and south in the Ohio vein, the tunnel level, which gives a depth of about 100 feet.

In the extension of the north drift prior to the temporary suspension of work at that point, miners exposed for a length of 22 feet in the bottom, a 14-inch stringer of ore assaying 3500 parts in gold and silver. Greater depth will be required to determine the importance and extent of the new find, which has a splendid appearance. The management plans to soon resume mining operations in the main vertical working shaft, which has already been put down as far as the bottom of the Ohio vein, which parallel each other through the property of the district. It is the intention to continue the shaft down to the 500-foot point.

Ships Lenate Crystals. A shipment of 120 wires telegraph crystals (lenate), contained in cigar boxes made to hold 50 cigars, has just been made to New York City from Kingman. The general manager, J. G. Gramm, of the Arizona Vulture Corporation, estimated at from \$1000 to \$15000. The American Molivdenum company, operating in Deluge Wash, about three and one-half miles west of the Arizona Vulture, is operating. Its five-stamp mill has a daily output of approximately 200 pounds of concentrates each day.

Company is Financed. The Arizona Butte Mines company, recently organized, which has taken over the Prince George, Banner and several other properties in the Maynard Hill section of the Wallapai district, 12 miles north of Kingman, has been financed and the management is preparing plans to begin work in the migration of an extensive campaign of work.

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Preparation of development work by the Oatman United Mining company upon the Merritt and other holdings in the heart of the camp. Development of late on the 500-foot level of the United Western have been advanced in properties comprising the future of the company. The south-west crosscut disclosed at a point 200 feet from the shaft the hanging wall, which is a fine high-class milliferous ore, is being stopped above the south drift on the 50-foot level of the Nancy Lee shaft of the same property. This includes a six-inch streak of milliferous ore, being stopped above the south drift on the 50-foot level of the Nancy Lee shaft of the same property. This includes a six-inch streak of milliferous ore, being stopped above the south drift on the 50-foot level of the Nancy Lee shaft of the same property.

The main shaft on the Ivanhoe Consolidated, reached the 500-foot point and a shaft is now being cut preparatory to the extension of a crosscut in a southerly direction to the main vein. This includes a six-inch streak of milliferous ore, being stopped above the south drift on the 50-foot level of the Nancy Lee shaft of the same property. This includes a six-inch streak of milliferous ore, being stopped above the south drift on the 50-foot level of the Nancy Lee shaft of the same property.

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Zemo for Dandruff. You do not want a slow treatment when hair is falling and the dandruff zemo is killing the hair roots. Delay means—balding.

Get at any drug store, a bottle of zemo for 25c or \$1.00 for extra large size. Use as directed and preliminary work quickly. It kills the dandruff germ, nourishes the hair roots and immediately stops itching scalp. It is sure and safe, is not greasy, it does not stain and will not stain. Soaps and shampoos are harmful, as they contain alkali. The best thing to use is zemo, for it is pure and also inexpensive. Zemo, Cleveland. Adv.

BLOOD POISON. Cleanse Scalp, sores, sores in the mouth and throat, enlarged glands, skin eruptions, and a general run-down condition of the system, with today for free leaflet in which you will find the story and case records regarding this reliable blood treatment, published under the name of Dr. A. J. Fisher, 214 Duane St., N. Y. City.

CHILDREN WHO ARE SICKLY. Mothers who value their own comfort and the welfare of their children, should never be without a box of our Grape-Seed Powders for Children, for use throughout the year. They break up colds, relieve feverishness, constipation, teething disorders, headaches and stomach troubles. THESE POWDERS NEVER FAIL. Sold at all Drug Stores, 25c. Don't accept any substitutes. Address: Mother Gray Co., 12 Roy, N. Y. Advertisement.

WE WILL MOVE. To 10; Texas St., about March 15th. Anderson-Filler Investment Company. Phoenix-El Paso Building Company. —Adv.

Department of Insurance and Banking State of Texas. Austin, Texas, March 15, 1916. No. 163. To All Whom It May Concern: This is to certify that the Two Republics Life Insurance Company, of El Paso, Texas, has in all respects fully complied with the laws of Texas as conditions precedent to its doing business in this State, and I have issued to said Company a Certificate of Authority from this office entitling it to do business in this State for the year ending the 28th day of February, 1917. Given under my hand and seal of office at Austin, Texas, the date first above written. JOHN S. PATTERSON, Commissioner.

DEEP DEVELOPMENT FOR GREEN FLOWER MINE GROUP. Jerome, Ariz., March 18.—Definite plans for the deep development of the Green Flower group have been announced by F. S. Stephen and Alexander Mackay, of Scotland, the principal stockholders, who for some time have been on the ground with their engineers. The Green Flower group is right in the town of Jerome and it is believed that the geological formation of the property is the same as that of the United Verde Extension.

REPORT SAYS \$600,000 REFUSED BY GLANCE MINE. Tucson, Ariz., March 18.—Reports that the Glance mine, in the Twin Buttes district, have drawn attention to that property. It is understood that a 100-foot body of ore has just been developed in the Glance and that it is believed that it has one of the biggest things in Arizona.

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ALBERT H. GARY

The Malomping county grand jury in Ohio has ended its investigation of the strike roots last January in east Youngstown by returning indictments against Albert H. Gary, chairman of the United States Steel corporation, and against six big steel companies.

The indictments charge Gary, the corporation of which he is the head, one of its subsidiaries and four independent steel concerns with conspiring to fix the price of iron and steel products in Malomping county in violation of the Volstead anti-trust law.

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Spends 25 cents! Dandruff disappears and hair stops coming out. Try this! Hair gets beautiful, wavy and thick in few moments.

If you care for heavy hair that glitters with beauty and is radiant with life has an incomparable softness and is fluffy and lustrous, try Danderine.

Just one application doubles the beauty of your hair, besides it immediately removes every particle of dandruff you cannot have any, healthy hair. If you have dandruff, this destructive scourer robs the hair of its life, its strength, its very life, and if not overcome, it produces a feverishness and itching of the scalp; the hair turns flimsy, loosens and dies; then the hair falls out, fast and sure.

If your hair has been neglected and is thin, faded, dry, scraggy or too oily, a 25-cent bottle of Knowlton's Danderine, at any drug store, will do it. Simply apply a little as directed and ten minutes after you will say this was the best investment you ever made.

We sincerely believe, regardless of everythink else advertised, that if you desire soft, lustrous, beautiful hair and lots of it—no dandruff—no itching scalp and no more falling-out—your must use Knowlton's Danderine. If, eventually—why not now?—ADV.

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