GREAT PERIOD OF ORE FINDS

NEW GOLD, SILVER AND COPPER VEINS IN MANY CAMPS.

Surprises in the Helena District—Barnes-King Mine Doing Pretty Well—Utah Dividend Rate Looks Thin—Cleaning Up After Klondike Winter—Mine Notes.

HELENA, May 13.—A splendid strike is reported in Do Little Gulch, across the river from Helena, where at a depth of only ten feet Thomas Kilgallon has encountered a four foot vein of ore which assays 20 per cent. copper, with good values in gold. Kilgallon has been developing the property actively for less than a month.

J. Leslie Bailer of Spokane, acting for the Success Mining Company, has obtained a bond on the Monitor mine near Saltese and has already taken possession of the property. The Monitor company is capitalized for 1,000,000 shares, and of these 700,000 shares have been placed in escrow for approximately $150,000. The Monitor is one of the well known copper producing mines of western Montana, and it is understood that the purchasers have two years in which to pay for the stock that has been placed in escrow. The property has been operated for some time by Helena men, who have surrendered possession to the Success company because of a liberal offer.

The Butte Argenta Mining Company officials have been surprised by word from Argenta, Beaverhead county, that a fine looking vein of copper ore has been disclosed where it was least expected. The spillway from the flume which supplies water for the water wheel running the air compressor and pumps of the Iron Mountain mine has washed away the dirt on the hillside down to solid rock, revealing the ore. The size of the vein is unknown, nor has an assay of the rock been made, but the foreman pronounces it as good looking rock as any found in the Iron Mountain.

A strike has been made in the Alpine-Portland group on Leigh Creek, Flathead county. A chunk of clean galena ore was brought down from that property, which has attracted a great deal of attention. It was stated that the ore was from the face of the tunnel which is now being run. The property adjoins the famous Snowshoe on the north, and a force of men have been at work all winter on development.

It is authoritatively reported that J. W. Fox, a London mining engineer, in association with A. W. Martin of New York and Helena, has secured a short time cash option on the famous Ruby mines belonging to Phillips & Whitcomb of Helena, and situated in the little Rockies of Choteau county. The amount of the bond is understood to be between $1,500,000 and $2,000,000. Phillips & Whitcomb have been developing and working the mines during the last five years. They have vast deposits of ore amenable to the simplest and least expensive cyanide process. The ore producing zone is from 100 to 200 feet in width. The mill on the property has 200 tons daily capacity. Fox & Martin have also examined the property of the Little Rockies Exploration Company in the same district.

The Clipper-Boss Tweed group of mines near Pony is being developing into a first class property. Following the sale several years ago a large stamp mill was erected to treat the ores, but it never dropped a stamp. Pony people familiar with the property finally succeeded in getting a lease of the mine, and the lessees have cleaned up not less than $1,000 a month ever since, milling the ore at the Strawberry plant.

BUTTE, May 13.—For the first time since the organization of the Barnes-King Development Company the mine more than paid expenses during March and April, and showed a small net earning for each month. The detailed report for March shows that 5,655 tons of ore were milled and the heads from the bullion output were $4.97 a ton and the tails were 49c. a ton. The bullion output was 1791.25 ounces, for which the United States Assay Office paid $25,320.13, less assaying charges of $119.80. The silver ran higher than usual in the bullion. The mine worked full time in March, two shifts a day. Twenty-five per cent. of the men employed underground are engaged in development work. Ore mined caved: 18 per cent. from the South End above the 100 foot level, 39 per cent. from the Santiago ore body and 43 per cent. from the North End. The Santiago is the most important ore body in the mines, and it continues to look well. During the second and third weeks in April there was an unaccountable rise in the value of the tailing, the loss running as high as $1.20 a ton. The ore assays from car samples ran from $4.30 to $13 per ton, the high assays coming from the Santiago ore body.

The annual meeting of the stockholders of the Boston and Montana Consolidated Copper and Silver Mining Company was held in Butte recently and the old directors, Sidney Chase and James Phillips, Jr., of Boston David B. Hennessy and Andrew B. Grafius of New York, John D. Ryan of Butte, were re-elected. Out of the 150,000 shares of stock 149,541 were represented at the meeting. No other business was transacted.

A. H. Wethey, general mine manager for W. A. Clark, says the report that Clark has sold his Montana interests to the Amalgamated company is not true. Mr. Wethey, contrary to statements by other Clark representatives and Amalgamated interests, declares that no negotiations for the sale have ever taken place. Mr. Clark has been making a trip through Arizona and California. His interests in Butte include the Stewart, Original and Elm Orlu mines, the Butte Reduction works, the street railway system, a bank and other interests.

The North Butte Extension Mining Company has cut another stringer of mineralized rock in its shaft, and it carries some good assays of copper. The stringer was cut at a depth of 527 feet and at a depth of 555 feet it had widened to two feet. The ore in the seam is chalcopyrite specked with copper glance.

It is announced by officers of the Montana Mining Association that the association smelter at Ponderay, Idaho, will be ready to receive ore about May 18. The smelter will have a capacity of 250 tons of ore a day to start with, and work will be started immediately to enlarge the plant. The plant owns its own fluxing material and is situated at the junction of competitive railroads. The association is now negotiating with the Great Northern and Northern Pacific railroads for rates.

There is a report current in Butte that when E. Augustus Heinze has his affairs in New York adjusted he will come to Butte and establish headquarters. He is a large owner in Davis-Daly, La France and other concerns situated in Butte.

It is asserted by the management that the Davis-Daly Company will be able to pay all its operating and development expenses from the royalties from the Lizzie mine and ore that will soon be shipped from the Colorado mine, in which the company is doing its chief development work.

Sinking has nearly been completed in the shaft of the North Butte Company, and it is expected that in a week or ten days work on the 2,000 and 2,200 stations will begin. In about two months the first big vein, that of the Edith May, will be cut on those levels and by the end of the year 400 additional feet of stoping ground on that vein will be opened to probably the extent that it is now opened on the 1,800 foot level. There are no plans on foot for increasing the hoisting capacity of the mine, which at present is limited to 1,400 or 1,500 tons a day. The company has a contract with the Washoe smelter which permits it to ship 2,000 tons a day to Anaconda, or a fifth of the capacity of the smelter. It is estimated that the North Butte has five years of ore reserves, and it could easily supply 2,000 tons of ore a day if it had hoisting capacity. The Jessie vein, while not so wide as the Edith May, is fully as rich on the 1,800. On that level the Edith May vein averages 15 feet in width and has been opened by drifts a distance of 1,200 feet, through the entire distance of which there is the same quality of ore.

Work on the big stack at the Great Falls smelter of the Boston and Montana company is well under way and it is expected that it will be completed by October. The stack will be 742 feet above the blast furnace charging floor.

The present copper production of the Amalgamated, North Butte and Butte Coalition companies is at the rate of about 26,000,000 pounds per month, and it is asserted by officers that the average cost is less than ten cents per pound. That the companies are making cheaper copper than formerly and are earning profits is shown by the fact that during the past week orders were issued to all bosses to send a lower grade of ore to the smelters.

UTAH.

SALT LAKE, May 14.—Unless there is a sudden and unexpected rise in the value of metal Utah's dividend record in 1908 will appear insignificant when compared with the $8,000,000 paid in 1907. During the first quarter of 1907 five mines paid dividends amounting to $848,013. They were: United States, $506,013; Utah Consolidated, $150,000; Utah mine, $12,000; Bullion Beck, $70,000; Colorado, $50,000; Mammoth, $60,000. Last year there were twenty-four mines in the dividend column. All would still be in profitable operation but for the closing of the smelters, the financial panic and the drop in prices.

From Tintic comes the report that Jesse Knight, the principal owner of the Colorado mine, intends with the blowing in of his smelter to begin operations on a much enlarged scale at the Colorado. During the months since the mine has been unable to market ore development work has been pushed. The ore body has been connected with the new shaft and it has been so opened up along its strike that any desired number of working faces can be operated without delay. The ore body is developed for nearly 1,000 feet and proved for nearly half a mile. The ore can be reached from two shafts connected by rail with the new smelter.

Stories of the richness of the Bull Valley strike in Washington county continue to reach Salt Lake, but none of the ore has arrived. Arrivals from the camp assert that ore is being sacked that will run $25,000 to the ton in gold and a shipment of this quality is promised soon. An option has been taken on the Farnsworth interest in the Pulsipher-Farnsworth claim, the original strike, for $75,000.

At the annual meeting of the Nevada Douglas Copper Company, operating at Yerington, Nev., held here, J. D. Wood, W. V. Rice, F. J. Hagenbarth, H. P. Henderson, J. H. Mayo, J. Coram, A. J. Orem, E. H. Hastings and Walter C. Orem were elected directors. Since July, 1907, the company has sent to market 1,065 tons of ore which averaged 15.3 per cent. copper, from which was obtained 319,748 pounds of copper. The shipments came entirely from development work, not a pound of ore, it was stated, having been stoped. During the year the company constructed an electric power line costing $18,000, a transformer house, four hoisting plants installed and a 280 horse-power compressor. A three mile water line was added to the equipment and an electric pump was installed. Manager Orem stated that it was the intention to abandon the Ludwig vertical shaft and to continue the incline from the 400 level to the surface and to sink the incline down to the 1,050 level.

The Eva mine in the Nebo district, owned by Sanpete county men, is nearly ready for steady production. The company has sacked four tons of ore that will run between $80 and $90 a ton and 200 tons of lower grade. In the lower workings has been disclosed a body of ore that is said to carry values of better than $100 a ton.

The Mammoth mine at Tintic is in trouble. It has a car of ore so valuable that it cannot find a purchaser for it. Some months ago the Mammoth sent a car to the United States smelter for which it received nearly $100,000. Another car of similar ore is ready for shipment. The Mammoth's contract with the United States smelter will expire before the smelter resumes operation and no smelter cares to buy ore worth so much on which it cannot realize within ninety days.

The Bingham Central-Standard Company at Bingham has loaded two cars of ore that is expected to run $60 a ton in lead, silver, gold and copper. This first shipment will be followed by others as soon as room can be made for miners to work on the ledge. During the last few days the quality of the north drift ledge, now being followed in both directions, has improved.

Local stockholders in Uncle Sam Consolidated are much interested in the report from Tintic that a new strike of ore has been made in the Yankee Consolidated ground. Several days ago Yankee broke into ore very close to the Uncle Sam lines. The latter is now sinking to catch the ore body in its ground.

NEW MEXICO.

SILVER CITY, May 11.—The owners of the Ready Pay mine in the Hillsboro district are considering plans for the erection of a cyanide plant. The mill on the mine was closed down recently. Regular shipments of high grade ore are being made to the smelter.

The Big Horn Mining Company has increased its capital stock to $400,000 and is arranging to resume operations on its mines in the Organ district. Interests identified with this company have organized the Organ Mountain Smelting and Refining Company, with a capital of $5,000,000, to erect a 100 ton smelter at or near the mines of the company.

The Salina Mining Company recently struck a large body of galena ore in its mine near Organ. Other rich strikes have been made in that district recently.

G. H. Utter has uncovered a six foot vein of silver ore in his Minneapolis mine in the Gold Hill district. This mine is an old prospect which had been idle for many years when Mr. Utter took hold of it.

Many prospectors are going into the new placer gold fields in the Hachita Mountains, about fifteen miles southwest of Hachita. Many claims have been staked and are being operated. It is reported that the returns from panning the gravel range from $5 to $10 a day to a man. The placer field is on the west side of Little Hachita Mountain. Rich lode ore has been discovered on the top of the mountain and a number of claims have been located and development work started.

MEXICO.

MEXICO CITY, May 11.—A large party of Texas stockholders of the Consolidated Mining and Milling Company have arrived at Oaxaca, where they will spend a few weeks investigating the properties of the company.

George C. Kaufman, general manager of the Mexico mining department of the American Smelting and Refining Company, says that the reports that the smelter of that company at Aguascalientes is to be closed down are without foundation. Mr. Kaufman says that six of the seven copper furnaces of the plant are now running regularly and that the furnace now idle was shut down in order that certain repairs might be made. The plant has three lead furnaces which run intermittently because it is not a lead district. There has been no reduction in the force of laborers at the smelter and no curtailment of operations is contemplated. All the mines of the American Smelting and Refining Company throughout Mexico are now running to their full capacity in order to keep the smelters supplied with ore.

The mill of the Grenadena Mining Company in the Parral district will be started again in a few weeks. This company is building an aerial tram five kilometres long to convey the ore from the mines to the mill.

A new company which is composed of a majority of the holders of the first mortgage bonds of the Oaxaca Smelting and Refining Company has been formed to take the smelter and mining properties of the company out of the hands of the receiver. The new company is composed almost entirely of Boston, Mass., men.

The company which bought the Ramon Corona mine in the Naica district, Chihuahua, for $200,000 a little more than eight months ago is now shipping 1,000 tons of ore a month that nets $100 gold a ton. The other mines in the Naica district are producing big quantities of ore. The Compañia Minera de Naica is shipping 6,000 tons a month. The shipments from the Lepanta mine are more than 3,000 tons. The Naica Mining Company, which is composed of Washington, D. C., men, is preparing to do extensive development work on Naica Mountain.

A rich vein of copper was struck recently in the Purisima mine in the Ayutla district, Jalisco. The vein is two feet wide and the ore runs 39 per cent. copper. The ore strike was made on the 235 foot level.

The Chatterton Mining Company is arranging to erect a larger reduction plant at its mines in the Tepalpa district, Jalisco. The company now has its stamp mill and concentrating plant in regular operation, the daily production amounting to four tons of concentrates. The new plans include the erection of a cyanide annex and other important additions.

A body of high grade ore has been opened up in the Tenanche mines in the Territory of Tepic. The mine run ore runs from $100 to $175 a ton. Some of the selected ore runs as high as 16,000 grams of silver and considerable gold. The rich ore is now being sacked for shipment. The company contemplates the erection of a thirty ton reduction plant and as the development work of the mines progresses the plant will be enlarged.

The Cigarrero Mining Company uncovered recently an immense body of ore which runs four kilos silver to the ton, with no other metals in combination, in its Cigarrero mine, at Almoloya, Chihuahua. The company is installing sampling work. It is now shipping about one hundred tons of ore a day.

It is asserted authoritatively that the new smelter of the American Smelting and Refining Company at Chihuahua will be blown in on June 1. The operation of this smelter will create a revival in mining throughout that part of the country.

The Keystone Mining Company is doing a large amount of development work upon its mines in the Monclova district, Coahuila. It is a tunnel proposition, the ore being entered 1,500 feet below the surface and extracted without the need of shafts and hoists. The tunnel is now into the vein nearly 300 feet and the shipments of lead-silver ore are netting the company $16 a ton.

The Mexican Mining company will erect a new fifty ton stamp mill at La Luz, Guanajuato, to handle the ores from its Las Margaritas, Tres Coronas and Los Reyes mines.

The Bohemia Mining company is extracting considerable ore from its mine at Zacatecas. The ore runs from three to fifteen kilos to the ton. Some of the picked samples run 125,000 kilos silver and 4½ grams gold to the ton. In the winzes of the second level the ore is improving with depth, and from the east winze on the second level high grade ore which runs more than twenty kilos of silver to the ton is being taken out. The mine is improving with depth.

A. E. Stilwell of Kansas City, Mo., president of the Kansas City, Mexico and Orient Railroad, has made the final payment of $70,000 for a one-half interest in La Republica mines, in Chihuahua. The total amount which he paid for the one-half interest is said to have been $300,000. The capacity of the mill at the mine is to be doubled within the next few months.

The Rio Plata Mining company's concentrating plant is now producing from 80,000 to 100,000 ounces of silver a month. The tailings are being impounded for treatment in the 100 ton cyanide plant, which is to be erected immediately. The mine and mill of this company are near Guazapares, Chihuahua.

ARIZONA.

BISBEE, May 11.—The Virtue Mining and Development Company has resumed work on its property near Portal after a long shutdown.

The Florentine Mining Company contemplates the erection of a 100 ton smelter at its mines, sixteen miles from Wickenburg. The company is developing some good copper-gold claims.

The diamond drill prospecting which is being done in the Jerome district by the Sycamore Mining Company is having good results. The bore is now down more than 320 feet and the cores show good mineral, principally gold.

A body of ore running $200 silver to the ton was struck recently in the Silver Chord mine, three miles south of Turkey station on the Bradshaw Mountain Railroad.

The new concentrating plant of the Imperial Copper Company will be in operation about July 1. This company has more than three hundred and fifty men employed, and its underground workings are very extensive. It has three shafts and twenty-five miles of underground railway. The property is in the Tucson district.

James Shoemaker, a prospector, recently uncovered ore assaying $554 gold to the ton in an abandoned mine seventy-five miles north of Globe. He brought the samples to Globe and his discovery produced much excitement. He was grub staked by W. H. Meyer of Globe and returned to the mine with ten men for the purpose of starting development work.

The Arizona and Boston Smelting and Reduction Company has planned to erect a smelter and concentrating plant at its mines about eighteen miles from Safford. This company owns the Lone Star group of mines. The company contemplates building a railroad from the mines to Safford.

NEVADA.

SEVEN TROUGHS, May 14.—A forty ton carload of ore has been shipped by the Seven Troughs Mining Company to the Selby smelter at San Francisco. It is expected to average in excess of $1,000 a ton. One ton of high grade has also been sent by express which gives assay returns of approximately $40,000. L. A. Friedman, manager and principal owner of the company, said that the shaft is down 550 feet and is to be sunk 200 feet deeper at once. He said that in the lowest present workings the ore is richest and he believes that at a depth of 750 feet still better will be found.

A series of discoveries on the Snow Squall claims has turned attention to Victor Canon. A strong fissure vein has been opened containing two feet of $50 ore.

Sidney Carey of Goldfield has bought the Annie and Josie claims for $25,000. The Annie lies east of the Golden Treasure on which the Kaylor-Andregg lease made a big strike recently and from which high grade ore is being sacked at the grass roots.

Unless unforeseen delays prevent it the Kindergarten mill will be in operation within ten days and the Mazuma Hills mill will closely follow it.

YERINGTON, May 14.—In the west drift on the 250 foot level of the Western Nevada, good ore has been found. The ore body has been drifted on for 45 feet and the assay returns show 4.6 to 8.5 per cent. copper. The whole face of the drift is in ore.

GOLDFIELD, May 11.—The total output for the week ended April 28 was 1,940 tons of ore in Goldfield district and the value of the product $128,675.

The Mushett lease on the Laguna is in rich ore. For some time the lessers have been in ore and last Saturday a rich strike was made about 70 feet from the shaft at a depth of 430 feet. The entire face of the drift is said to be in ore that runs $170 to the ton.

Vice-President J. P. Loftus of the Round Mountain Mining Company, operating at Round Mountain, has announced that a dividend of $75,000 will be declared by that company in June. During the year ended April 23 the bullion production was $189,298.

MIDAS, GOLD CIRCLE, May 11.—An important strike has been made in the Gold Circle Crown ground. At a depth of 20 feet fourteen inches of ore, which runs $1,452 in gold and silver, has been opened. The strike was made in the shaft.

IDAHO.

BOISE, May 12.—The placer dredges at Placerville and Centerville are now running under steam power, but are making arrangements for changing to electric, the current to be furinshed by the Highland Power Company, whose works are on Boise River twenty miles above Boise.

A cleanup was made at the Celtic mill, four miles east of Boise, a few days ago. Four dollars per ton was taken from the batteries and plates and the concentrates contained $3.50 per ton—the value of the ore being $750, which is mined and reduced at a good profit.

Eighteen men are employed in developing at depth the old Yosemite mine at Silver City. Thirty years ago it was a great producer, but when water level was reached work was suspended because the owners had not the means to purchase hoisting works and pumps. During the last few months it has developed into one of the greatest of the mines of Owyhee county. The principal stockholders are Pennsylvania men.

A man in from Thunder Mountain reports that development work has been going on quietly in the mines there since last fall and that most of the properties improve with depth. Instead of the rich ores that were hoped for during the great excitement the ledges have developed into enormous bodies of low grade ore that can be worked in stamp mills at very low cost.

Work was kept up with a good force on the Greyhound mines in Sheep Mountain district all winter. The mines are now well developed and are high grade in lead, copper, gold and silver. Some lead ores have been produced that when reached by a railroad they will become greater producers than any in the Cœur d'Alene country. They are between Cape Horn and Thunder Mountain in the heart of the rugged Salmon River Mountains, and cross the summits at great altitudes above the river. Most of the mines can be worked at depths of from two to three thousand feet by tunnel. The Oregon Short Line Railroad Company contemplates extending the Mackey branch to the district this year. Salmon River is a large, rapid stream from which cheap electric power can be furnished at all of the mines and reduction works, the transmission being over a distance of only a few miles.

A company that has an option on the old Buffalo mine three miles north of Idaho City are getting ready to put on a force of men for deep development. To the depth of 150 feet the mine was worked many years ago and turned out much gold. The ledge is from three to four feet wide. Hoisting works and pumps will have to be placed on it before any great depth can be attained.

A. L. Richardson is now running a tunnel to cut the Richardson mines in Black Hornet district at the depth of nearly 200 feet. Last fall Mr. Richardson made a test run of twenty-five tons to ascertain the grade of the ore and saved a little over $25 a ton in the battery and on the plates. He is now extracting ore from the upper works.

The Gardfield company has had many assays made during the last few days of ores from the surface or "representation" holes of the various ledges, and they go from $250 to $560 a ton, the lowest of which, situated as they are, will return handsome profits over mining and milling. The ledges are found to be very large. A tunnel running to cross-cut ore is in thirty feet and no wall in sight. It is believed to be over one hundred feet wide.

WASHINGTON.

SEATTLE, May 9.—The Killer Smelter Company has purchased the Manila mine. The price was $60,000.

The Zodiac near Northport has cut a vein of rich ore the pay streak of which is over a foot wide and runs into high values.

A new ledge has been cut on the Rich Bar at Nighthawk at a depth of 150 feet. It carries gray copper and galena.

English capitalists have subscribed the bonds of the Okanogan Electric Railway, which line will develop the mines of the extreme northern Okanogan region.

The Bunker Hill Mining and Smelting Company is resuming operations with a crew of twenty men after an idleness of six months. Ore will be mined and treated in the 100 ton concentrating plans until a month's run of concentrates for the smelter is on hand. The fifty ton reverberatory matting furnace is completed and will be blown in in about thirty days. This will handle copper ores from all the mines of the Index district as well as the company's own products.

The Quilp mine at Republic is to be reopened and developed to a depth of 1,500 feet. It will be a heavy shipper, as it has much ore in reserve.

BRITISH COLUMBIA.

SEATTLE, May 9.—A special courier from the Little Bertha property at Bannock City arrived here last evening, says a despatch from Grand Forks, B. C., with the word that two feet of high grade ore has just been struck at the shaft on this claim. It is also stated that two distinct ore samples sent to Rossland a few days ago for special treatment for assaying purposes have produced returns of $560 and over $300 respectively in gold and silver to the ton.

The Queen mine at Salmo has been sold to an American syndicate.

The hydraulic mines about Quesnelle, which is the Cariboo region, are ready for their season's operations. Five plants are ready to resume as soon as the water starts flowing freely.

Ore shipments from Granby mine last week amounted to 19,912 tons. During the same week the smelter treated 22,005 tons of ore. The total production of Granby mine for the year is now 354,572 tons.

M. Revesbeck of Yale, with C. G. White of Bellingham, is operating a dredge on the Fraser near Hills Bar. The dredge is working on the down end of Sawmill Riffle, and according to Mr. Revesbeck, who was in Seattle last week, the plant is taking out twenty ounces of gold a week, which is a little more than paying expenses.

Representing a rich American syndicate, a party of veteran mining men will shortly start overland from Ashcroft for the Finley River goldfields in northern British Columbia. Its members will comprise Messrs. A. D. McPhee and Walter Ross of Grand Forks, George A. McLeod of Spokane and Jack Martin of Rossland. They will outfit here and at Ashcroft, leaving next week. The route will be by way of Cariboo road to Barkerville and from there north by one of the old trails. If the quest for gold should prove unsuccessful in the Finley River district the party will spend the remainder of the season prospecting in the Babine and Telkwa River districts.

ALASKA.

SEATTLE, May 9.—The region of mining activity in the Tonana covers a territory of approximately 100 miles radius from Fairbanks. Labor conditions are fairly good despite the strike and water prospects are fair. The estimated output is $10,000,000.

A message from Fort Gibbon says the Koyukuk strikes have extended from Nolan Creek to Wiseman. The latter creek is run as rich as Nolan Creek proper but the pay ground is of the same character.

A new plant has been shipped by the Northland to Kitchikan to replace the machinery lost by fire on the Cymru Copper Company's property on North Arm. Several Prince of Wales Island copper properties are preparing to reopen.

The spring clean up on winter dumps is in full swing in the Klondike camp. Quartz Creek, and Lower Dominion, Sulphur Creek is the most important of the winter dumps. Twenty hydraulic plants are working. The first dredge begins its work the first of the week. Eighteen dredges will be operated in the Klondike, Forty Mile and Stewart River districts combined, this season, twelve starting within two weeks. The Guggenheims have eight of these.

The first electrical conveyor ever used in the North will be started by the Guggenheims on Bonanza Creek next week.

Sluicing on Nome's gold belt began Saturday. There has been a sudden thaw and it rained Friday. Leading operators interviewed say the output this year will exceed that of last year.

The average estimate of the tundra wealth alone is $5,500,000. The new submarine beach, now partly worked, will turn out $300,000. More gravel has been hoisted than ever before. Water is running everywhere. The breakup of ice is expected early.

Recent arrivals from the Kougarok report some very encouraging conditions now existing in that district. Many camps are working, each employing good sized crews of men. On the Kougarok River there is the greatest activity, many dumps being extracted and considerable prospecting being done.

A rich strike has been made on No. 3 Dahl Creek by Al. Carey and Charlie Rosenthal, the latter now being in Nome. There is a very large body of the dirt, and the pay runs from 25 cents to $2.50 to the pan. Carey will begin blocking out at once. T. L.

COLORADO.

COLORADO SPRINGS, May 15.—The Isabella Mines Company has recently added a third or night shift of fifty men and will hereafter output close to 120 tons daily instead of 60 as heretofore. The mine will thus be the second producer in the camp, the Portland leading with 150. The ore is coming from eighth, ninth, tenth and seventh levels through the Ivy or Lee shaft. Ore shoote measure 7 to 18 feet. The Isabella mill is treating dump rock, a recent cleanup resulting in a gold brick worth $8,000. The company will probably resume dividend disbursements in June.

Henry P. Lowe of Denver has sold to the Frontenac Mining Company, Limited, for $135,000, the Ironclad, Mars Avis and Owatana lode claims and the Frontenac mill site in Russell district, Central City, Col., and Idaho district, Clear Creek county. Control of the new company is now in London. The Frontenac has an electric plant and is actively operated.

The Searle lode claim has been sold for $10,000 by Harper M. Orahood of Denver to the Druid Gold Mining Company, composed of Scotch and Denver capitalists. The mine is located in South Willis Gulch, Central City, Col., and is a regular shipper.

The Marshall-Russell tunnel, Empire, Col., is in an ore body 1,600 feet from the portal, measuring 22 feet between walls. It is well mineralized and has several stringers of low grade ore. The tunnel's objective is 12,000 feet ahead through rich mining country.

The Wild Horse Mill, Cripple Creek, has just ended a twenty-five days run from which a $2,000 retort was realized. The ore treated came from the Ramona dump and had an average value of $1.60 a ton. This is the acme of cyanide treatment for the camp's low grade oxidized ores. The mill will now treat $6 to $8 ore from the 200 foot workings of the Silver Tip claim of the United Gold Mines Company and from the 500 foot level of the Wild Horse mine.

The big Stratton's Independence cyanide mill, Cripple Creek, will be in active operation by June 1. At present fifteen sets of lessees are operating above the 950 foot level, and their product is being held in reserve for treatment by the company's mill. This is the largest mill operating in the district—capacity 250 tons daily.

The old Kimball dump at Gillette, Cripple Creek district, will be treated by the cyanide process as soon as the Gillette mill is remodelled. Work is now in progress.

The syndicate which recently took over the holdings of the Hall Tunnel Company, under bond and lease, will install new machinery, drive the tunnel 1,200 feet to its objective, the 2,500 foot level of the Colorado Central, and extensively develop the property through laterals on eight or ten known lodes encountered in 2,700 feet, thus far driven. The tunnel, it is estimated, will drain the water from thirty miles of workings of the Colorado Central property. The territory is among the richest in the Georgetown district.

The Bull Mountain Mining and Tunnel Company has started work on the Garibaldi tunnel, Leadville district, which has been idle for twenty-five years. The objective is the famous Sunday vein, which yielded much high grade ore through the Sunday shaft. The tunnel is now in 1,300 feet and its head is 1,030 feet from the vein, which is 780 feet below the surface. The tunnel has already passed three veins of high grade ore. The new company is capitalized for $500,000, and its directors include M. Nicholson, Winters Morrell, George E. Keeler, L. A. Reynolds and Percy Hamm.

A clean up from thirty days run on the W. P. H. cyanide mill, Cripple Creek, has just resulted in a retort worth $7,000. The ore treated carried $4 to $6 per ton values. It comes from the Jerry Johnson dump.

The North Star and Mountain Monarch claims of the Roxanna Mining Company, Cripple Creek, are being plotted for leasing. The deepest shaft in the mine is only 300 feet.

Stratton's Independence mine, Cripple Creek, will be leased on a new basis—the leases expiring after six months. Royalties will be graded from 10 to 50 per cent. The United States Reduction and Refining Company's plant at Colorado City will treat all ores shipped, the company's mill at the mine treating only the low grade ores.

The El Paso Consolidated, Cripple Creek, shipped ninety cars of ore in April on lessees account, the ore averaging from $60 to $100 a ton.

In extending the Joplin tunnel's east drift on the Gambetta vein, a 4 to 12 inch streak carrying one ounce in gold, 100 ounces in silver, 60 per cent. lead and 7 per cent. copper has been uncovered. The ground has been opened for 150 feet with 12 to 18 inches of pay ore the entire distance. This ore averaged 52 ounces in silver and 60 per cent. lead before the streak was discovered. The tunnel penetrates Republican Mountain, Georgetown, Colo.

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EUROPE PARTIES, June 18, 20, 27, July 3. Clark's Cruises of the "Arabic," 16,000 tons, to Orient Feb. Round the World Oct. 16, '08 4th, F. C. CLARK, Times Building, New York.

New Westinghouse Manager Cutting Big Salaries.

PITTSBURG, May 17.—William H. Donner, the new general manager of the Westinghouse Machine Company, has made some sweeping changes and has sacrificed some of George Westinghouse's most intimate friends. Donner also reduced the salary of every high priced official. Appeals were made to Mr. Westinghouse, it is said, but in vain. He advised his former associates that he was helpless as Mr. Donner had absolute control.

Receiver for Life Insurance Agency.

KANSAS CITY, May 17.—Judge John C. Pollock in the United States District Court here yesterday appointed John C. Jones, a Kansas City banker, receiver for the Great Western Life Insurance agency. The appointment was made upon application of stockholders of the company, who charged fraud in the management of the concern. The Great Western Life agency was organized by O. L. Van Landingham, its present head, and was capitalized at $2,000,000.

Weather Forecast for Cotton States.

For North Carolina, South Carolina and Georgia, scattered showers to-day; fair to-morrow; light variable winds.

For eastern Florida, scattered showers to-day; fair to-morrow; light variable winds.

For western Florida, partly cloudy to-day and to-morrow; light southerly winds.

For Alabama, Mississippi and Louisiana, occasional thunder showers in the interior and fair on the coast to-day and to-morrow; light southerly winds.

For eastern Texas, fair to-day, except showers in northeast portion; fair to-morrow; fresh southeasterly winds on the coast.

For western Texas fair to-day, except thunder showers and cooler in northern portion; fair to-morrow.

For Oklahoma and Arkansas, occasional thunder showers to-day; fair to-morrow.

For Tennessee, scattered showers to-day and to-morrow.

AMERICAN LINE From Pier 14, N. R., at 10 A. M.
Plymouth—Cherbourg—Southampton.
St. Louis.....May 23 | New York.....June 13
Philadelphia.....May 30 | St. Louis.....June 20

ATLANTIC TRANSPORT LINE
New York—London Direct. Pier 59, N. R.
Mesaba.....May 23, 9 A.M. | Minneapolis..June 6
Minnehaha.....May 30, 10:30 A.M. | Minnetonka..June 13

RED STAR LINE From Pier 14, N. R., at 11 A. M.
New York—Dover—Antwerp.
Zeeland.....May 20 | Finland.....June 6
Kroonland.....May 30 | Vaderland.....June 13

WHITE STAR LINE From Pier 48, N. R.
New York—Queenstown—Liverpool.
Cedric, May 21, 10 A.M. | Celtic.....June 4, 10 A.M.
Arabic, May 28, 4:30 P.M. | Baltic.....June 11, 2 P.M.
Plymouth—Cherbourg—Southampton.
Adriatic...May 20, 9 A.M. | Oceanic.....June 6, 11 A.M.
Majestic...May 27, 10 A.M. | Teutonic...June 13, 10 A.M.
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Pretoria.....May 23, noon | Waldersee.....May 30
GIBRALTAR-NAPLES-GENOA Piers, Hob'k'n, N.J.
Moltke.....June 2, 11 A.M. | Hamburg, Aug. 27, 11 A.M.
Batavia...Aug. 20, 11 A.M. | Moltke...Sept. 15, 10 A.M.
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