

The Observer extends greetings of the season and wishes its many friends and patrons a Merry Christmas. Let the day be fittingly observed in honor of the Blessed Savior, whose every act was that of kindness and who suffered the tortures of the cross that the children of man might believe in Him.

# THE GILPIN OBSERVER

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## AMONG THE MINES

### WORTHLESS IRON ORE IS RICH TUNGSTEN

Some thirty-odd years ago the camp of Hughesville, situated about two and one-half miles north of Black Hawk, Gilpin county, Colorado, was a producer of silver, and continued so until the low price of the white metal made production unprofitable. In the course of their work the miners frequently encountered what they considered to be a worthless species of iron ore, and this they threw on the dump. It now appears that this supposedly waste material was nothing less than tungsten, running high in value to the ton. This fact was discovered recently by a mining man who operated in Hughesville in the early days. He was shown samples of tungsten ores from mines in the Nederland district and their appearance recalled the discarded ores of Hughesville. He went back to the old camp, secured samples of ore, had them assayed, and ascertained that his suspicions were well founded; the ore was tungsten and assayed from 7.3 per cent to 28.2 per cent.

As a result he and his associates quietly secured various claims in the district and are organizing the Gilpin Tungsten Production company to operate the properties, which comprise about 100 acres. Some of the claims are well developed, but the tunnels thru which they were mined need to be retimbered and put into condition before active development work can begin.

The ores in these claims contain silver, lead, zinc, gold and tungsten. The silver-lead-zinc ores will be treated by the Moulton mill at Black Hawk, as soon as it starts operations, and good profits are anticipated from this source. However, tungsten is expected to be the largest revenue producer.

### THE PRODUCTION OF TUNGSTEN

Denver, Colo.—Tungsten, it is asserted, can no longer be considered a rare metal, since as far back as 1913, the tungsten output of the world exceeded in weight that of the combined production of mercury, gold, bismuth and cadmium. In 1913, the United States produced 1,397 metric tons of tungsten ore (60% WO<sub>3</sub>); as compared to 1,732 tons produced in Burma; 1,403 tons in Bolivia, Peru, and Argentina; 1,350 tons in Portugal, and 752 tons in Australia (principally Queensland). In the United States, Boulder county, Colorado, is the largest producer, ferberite of iron tungstate being the principal ore; the Atolia district in the Mohave desert of California is the largest scheelite (tungstate of lime) producer in the world; habernite (tungstate of manganese) deposits are worked in Arizona, Idaho and Nevada; some wolframite (tungstate of iron and manganese) discoveries have been made in South Dakota and New Mexico. The Conger mine, in Boulder county, Colorado, is said to be the greatest mine of its kind in the world, having produced nearly \$1,500,000 of tungsten.

F. W. Bertagnoli and W. J. Stull accompanied Robt. Sayre on a tour of inspection of the workings of the Burroughs and Concrete in the Newhouse tunnel, Monday. Work in both these laterals to cut the respective veins is being prosecuted without interruption and good headway is being made. In the Burroughs, operated by the Pike Leasing Co., a two-foot vein of \$60 ore is being drifted on, and on the Concrete the lateral is being pushed to make connection with the shaft. It will be necessary to drive about 80 more feet before the shaft is reached.

### ST. PAUL'S EPISCOPAL CHURCH

The Sunday school will hold their Christmas exercises with tree Christmas night. Regular service Sunday at 11 a. m.

The Observer.—\$2.00 per year.

### INGALLS MINE

The Ingalls Leasing Co., working one of the Quartz hill great producers of other days, shipped four tons of smelting ore to the Chamberlain sampler at Black Hawk as a trial lot, that returned 3.86 ozs. gold, 24.75 ozs. silver and 2.65% dry copper to the ton.

This mine was once a large producer, but has lain idle for several years, until a pool of our successful business men obtained a lease last summer and began operations. Until recently they have been doing dead work, by putting the mine in proper shape and blocking out ore reserves in virgin ground. The mine is now in condition for regular shipments, and in future may expect to see a steady production.

### FRONTENAC MINE

The Frontenac mine, in Willis gulch, near the southern line of the county and owned by English capitalists, has been leased for a period of three years to a pool of responsible business men of this city, who will start to unwater the mine from the 700-foot level to bottom of shaft January 1, where good bodies of ore were exposed when the mine closed down.

There has been of late, several leasing pools of business men formed here, and nearly all are taking out good ore. It is a good sign of increasing prosperity and faith in our large fissure veins when business men take an equal chance with the miner, regarding profit and loss.

### SENATOR MINE

James Daly and company, lessees on this famous mine that has been a steady producer for the past year, shipped 12,110 pounds of concentrates this week to the Chamberlain sampler that returned 2.25 ozs. gold, 10.55 ozs. silver, 36.41% lead and 2.40% dry copper to the ton.

This mine is another of Gilpin county's famous producers in palmy days, that was closed when the ore pocket pinched, and remained in that condition until Daly and company leased it and uncovered new treasures.

### EUREKA MINE

The Eureka mine in Prosser gulch continues to be a steady producer. Their last lot of concentrates of 44,060 pounds, returned 1.28 ozs. gold, 5.45 ozs. silver and 12% lead to the ton, also a gold retort from the amalgam weighing 63 ozs.

This mine and mill have been in constant operation since early spring, and under the watchful eye of Manager Clark and Foreman Rotner, who watch every detail, has proven to be one of our substantial and reliable mines.

### DEATH OF MRS. CARLIN

Mrs. Matilda Carlin, wife of D. Carlin, of Russell Gulch, died at St. Joseph's hospital in Denver, Monday. She was taken from her home in Russell to the hospital last Thursday. Mrs. Carlin was a native of Italy and was 35 years of age. The remains were shipped to Central Tuesday evening and the funeral was held from the Catholic church this morning.

Mrs. Walter Funk returned Monday night after an extended western trip with Mr. Funk. On their return Mr. and Mrs. Funk stopped off in Arizona on mining matters. Mr. Funk came on home, arriving Sunday, but Mrs. Funk remained in Trinidad to be the guest of her mother for a day.—Idaho Springs Sitings.

Republican editors envy the Democratic newspapers because the latter are in a position to print reliable news of the work of congress obtained through Congressman Keating. Of course, the G. O. P. scribes make light of these letters, but with them it is merely a case of "sour grapes."

## GOVERNMENT MAY CONTROL THE PRODUCTION OF RADIUM

Senator Walsh, of Montana, has introduced a bill in the United States senate, to place all radium bearing ores under the control of the Federal government forever. This, of course, interests Colorado more than any other state, as the most of the radium bearing ores in America are found in Colorado.

This bill upon first reading, would seem to be a drastic bill and would work an injury to the state, but a careful perusal of its several sections reveals much that tends not only to promote the good of the industry, but provides for government aid in the manufacture of this valuable element so essential to the welfare of the human race, whose extraction is so costly that it is beyond the means of the individual mine owner, and who would be compelled to sell his product to a combination who would set any price they saw fit for the purchase of ores.

Section one provides "that all radium ores shall be sold to the government at a price fixed by the secretary of the interior at the world's market price on the first of January and July of each year." This may seem compulsory, but it gives the producer the benefit of the price of the radium market of the world, and prevents the building of a gigantic radium trust. A portion of this section we give verbatim.

"Sec. 1 The exclusive right of the United States to purchase and receive said ores from the owners of such lands, their lessees and assigns, together with the right of the United States to enter upon the lands so patented and mine, develop, and remove said radium-bearing ores in the event that the patentee, his lessees or assigns, shall fail to develop and mine such ores with reasonable diligence, upon payment to such patentee, his lessees or assigns, of the market value of the said ores so mined and removed, as fixed by the secretary of the interior under the provisions of section four of this act, less the cost of mining and removing same, shall be expressly reserved in any and all patents which may hereafter be issued for lands located under this act: Resolved, That if the United States shall at any time fail or refuse to purchase any such radium ores of sufficient value to be merchantable, extracted from any such lands so located, whether patented or unpatented, upon the tender of the same for sale in carload lots at any railroad station, the exclusive right of the United States to purchase such ore or any ores thereafter extracted from all other mining claims contiguous thereto and held in common therewith as well as the right to enter upon the same for failure diligently to mine any of such claims shall thereupon cease and the unrestricted right of disposition of all ores within such claims or extracted therefrom shall thereupon accrue to the owner, lessee, or other rightful occupant thereof."

This section prohibits the accumulating of radium lands by private owners or companies for speculative purposes, and compels them to either work the same or allow of government control. This may seem drastic, but it reveals the government's intention when it ceded its right and granted the mineral patent that its intent was to have the same diligently developed instead of remaining idle for an indefinite period, and retard the progress of the camp.

"Sec. 3. That the sale, gift, or other disposition of said radium bearing ores from lands located under the provisions of this act to any person, association, or corporation other than the United States shall be unlawful, and any violation hereof shall subject any location made or patent issued to forfeiture, and the person, association, or corporation so selling, giving or otherwise unlawfully disposing of said ores shall, upon conviction thereof, be punished by a fine of not less than twice the value of the ores so sold, given away, or unlawfully disposed of: Provided, That when, in the opinion of the secretary of the

interior, special conditions arise which made such action necessary he may, by general order and public notice, permit the sale and delivery of said ores after or without tender to the United States, as he may deem advisable."

"Sec. 4. That the secretary of the interior be, and he is hereby, authorized to erect, maintain, and operate a plant or plants for the concentration and treatment of radium-bearing ores and the extraction of the radium and by-products therefrom; to purchase radium-bearing ores mined from lands occupied and held under the provisions of this act at the market price to be determined by him from time to time and publish in advance on the first day of January and of July in each year."

This section is easily seen to be of immense benefit to all kinds of mining in the future, and should be encouraged by all producers of metals, as it interests the government in mining, and places it in a position as an interested owner, a thing that we have been striving for these many years.

These radium mines being associated with gold, silver, and other precious metals will of necessity cause the government to build its own smelter and refining plants and there by enter into competition with the American Smelting & Refining Co., as regards smelting and refining who are now the sole manipulators of the metal market of the United States, and exact such excessive tolls, that they wax wealthy each year, while the producer is reduced to abject poverty.

Section 6 provides for great outlay for reduction plant and is as follows:

"Sec. 6. That there is hereby appropriated for the erection and general equipment of a suitable building or buildings for radium extraction the sum of \$150,000, and for the necessary expenses connected with the purchase and treatment of radium-bearing ores and the extraction of radium therefrom during the fiscal year ending June thirtieth, nineteen hundred and fifteen the further sum of \$300,000."

There are features in the bill that will not meet the approval of many western senators and congressmen, but these features will be debated, and no doubt straightened out before final passage to the entire satisfaction of all. The bill as a whole, marks an epoch where the great smelt trust, that has so persistently outraged human endurance for nearly a quarter of a century, will find a competitor in the United States government.

### TELLER HOUSE

The Teller House has changed hands, Mr. Harry Teller, one of the owners being the manager. This celebrated hostelry, that has been Gilpin's pride for nearly half a century, and under whose sheltering roof many of the noted of this and foreign lands have sought sweet repose, as they quaffed the pure mountain ozone that lulled them into peaceful slumbers, will be renovated from bottom to top. The woodwork will be repainted, the walls decorated and in the beautiful spring time, if the business of the town warrants it, steam heat and an elevator will be installed.

### TUNGSTEN GOES UP ON BOULDER MARKET

Boulder, Colo., Dec. 20.—Tungsten on the local market today rose from \$35 to \$45 per unit, for ores running 50 per cent and over. For ores running between 30 to 50 percent the price is quoted at \$40 and ores between 5 and 30 per cent the price is \$23 per unit.

The top price marks a rise from \$15 during the past eight months.

The First National bank yesterday, shipped 140 ozs. of gold of the Denver mint.

## BLACK HAWK NEWS IN RUSSELL GULCH

Vivian Fritz made a business trip to Denver on Monday.

Henry Eatwell, niece and nephew left this morning for Longmont to spend the holidays with relatives.

Mrs. D. W. Taylor made a trip to Denver yesterday.

Mr. and Mrs. H. Hartman will leave tomorrow morning for Wheatridge, Colo., to visit relatives.

The various grades in the school are having Christmas trees and exercises this afternoon.

The M. E. church will have a program and a Christmas tree Friday afternoon.

Arthur Seibertz came in Wednesday evening from Moon gulch. Every member of his family is sick.

W. G. Kriley cut a fine tree for the Firemen's Christmas entertainment to be held in Fritz' hall on Saturday afternoon at 3 o'clock. There will be a musical and literary program and 125 boxes of candy and 125 balls of pop corn besides other presents, will be given to the children. The exercises are open to the public.

Miss Frances Grutzmacher, who is teaching school in the vicinity of Golden, was an arrival Sunday evening to spend the holidays with her parents.

Mrs. Frank Maughan, of Golden, came up Tuesday evening to spend Christmas with the Grutzmacher family.

Donald Taylor arrived Monday from Ft. Collins, to spend his holidays with his parents.

Miss Viola Kriley was an arrival Sunday evening from Idaho Springs.

Lost—Pocket knife containing a cork screw and bottle opener. Return to W. G. Kriley, who may have use for it after the first of the year.

### OPERA HOUSE

The photoplay of "The Pit," shown last night at the opera house gave the audience a fair idea of how fortunes are made and lost on the stock exchange.

The five-reel film to be shown Wednesday night will be that great production of Robert Warwick entitled "The Man of the Hour," and should be seen by every man and woman in Gilpin county, as it shows what a necessary adjunct the man, and a kind husband is to the human family. Not that we wish to throw bouquets to the masculine gender, but this play shows that men and women are as necessary to each others happiness, as the sparkling dew on a sultry July morn is to the life of the withered leaf of the suffering grain. Everybody should attend and witness this play.

### BRITAIN'S INTERFERENCE PARCELS POST PROTESTED

Washington, Dec. 20.—The United States has protested to Great Britain against interference with parcel post shipments between this country and Sweden, Secretary Lansing announced today.

Mr. Lansing said that the Swedish minister had complained to the state department that parcels post shipments had been held up by British warships on the high seas.

Besides a protest the state department has asked Great Britain for an explanation, Mr. Lansing said.

### PRESBYTERIAN CHURCH NOTES

Sunday school at 10 a. m. Quarterly review. Pleading service at 11 a. m., will be conducted by Mrs. W. S. Judy. Christian Endeavor at 6 p. m.

There will be a Christmas social at the church on Friday evening. No set program, but the time will be devoted to music, games and a good time generally. There will be a fine tray with gifts for the little folks and a choice treat for every one.

I. N. Stevens has again sold the Pueblo Chieftain and as heretofore, the ownership continues to remain in the family. The attaches of the paper are the same, the only change being a shifting of positions.

Get the habit, and go to church.

Miss Ethel Mellow is home from Boulder to spend the holidays with her parents.

John Mellow and family will spend the holidays in Denver.

John Hugh Jones, of Cripple Creek, is visiting his uncle, John W. Jones.

The incidental mine is installing a steam boiler and a Cameron pump.

The Christmas exercises of the Sunday school will be held in the church, Thursday afternoon.

Jim Richards, who has been ill with pneumonia, is much improved.

D. E. Sherer went to Black Hawk Wednesday to settle for a shipment of ore from his lease in the Old Town.

Valentino Zancanella shipped two tram cars of smelting ore from the Old Town this week that is expected to run \$100.00 a ton or better.

Walter Flagler, who is connected with the Two-Forty mine, is now living in Russell Gulch, and is boarding with Mrs. Phillips.

Angelo Targo was killed in a mine accident at Jackson, Cal., this week. He was a former resident of Russell and at the time of his death was a member of the Alpina and Forester lodges of this place.

Mrs. Matt Edwards and children left Thursday of this week for Cripple Creek to join Mr. Edwards, who is working there.

Frank Hutton and son left Wednesday for Cripple Creek to spend the holidays.

Chas Ellis left Tuesday for Golden.

Jas. Chellew is ill with the grippe. He is trying to get himself in shape for the arrival of Santa Claus.

Miss Mable Hore is on the sick list.

Mrs. Matilda Carlin, who was taken to Denver last Thursday and placed in St. Joseph's hospital, died Monday. Her death is mourned by many friends in Russell Gulch.

### BOOSTING

Would you like to be thought stronger and more resourceful than the average man? Would you like to have others admire you and look up to you? The recipe is simple. Have something good to say about everybody, about your neighbor, and about your town. Boost, even if you have to go out of your way to boost. Lend a helping hand. Have some word of encouragement always ready for the fellow who is down on his luck. People will think then that you can afford to do it; that you are so successful and so prosperous that you can see only good in everything. It is the man with the petty grievance—the small man—who knocks. Remember that, and try to be above small things. A good deal of the old feudal idea still remains. The ancient lords could afford to be magnanimous. Their motto was "Noblesse Oblige." Their nobility gave them certain responsibilities. They were the leaders. People looked up to them and depended on them. That "Noblesse Oblige" is a good motto to adopt today, even when there are no hereditary lords. It is a motto that the everyday man can adopt and profit by. If you keep boosting everywhere you go, others will unconsciously recognize in you a leader. They will put you down as a man who helps because he is stronger than others. If you don't believe this, try it for a while and see if it's not so.

District Attorney Rush, of Denver, has notified the liquor dealers in his district that whatever wet goods they have on hand after the state goes dry must be shipped out of Colorado within 24 hours. If the meeting of the district attorneys and sheriffs to be held in Denver on the 28th, elects to adopt uniform procedure in the enforcement of the prohibition amendment, it is likely that the lead of the Denver district attorney will be followed, in which event the liquor dealers in Gilpin county would have to dispose of a lot of goods between now and midnight of Dec. 31st, or else ship the surplus into wet territory.

Observer—the family paper—\$2.00.