

# NEVADA STATE MINING NEWS

## GEOLOGICAL SURVEY COMPLETES MAP OF TONOPAH DISTRICT

Four sets of maps showing the geology and extensive mine workings in the silver and gold mining district at Tonopah, in Nye and Esmeralda counties, Nevada, have just been completed by the United States geological survey, department of the interior.

These maps have been deposited at the geological survey offices in San Francisco, Cal. (Customs house Building), Salt Lake City, Utah (Post Office Building), and Washington, D. C. (Interior Department Building), and at the office of the Nevada state bureau of mines, Mackay School of Mines, Reno, Nev., where they may be consulted by the general public.

These maps are hand-colored photostat copies of office maps showing results of a resurvey of the Tonopah district made in 1929 and 1930 by the geological survey in cooperation with the Nevada bureau of mines. They have been made available to the public in this form in advance of their publication by the geological survey, because of the considerably increased interest in the silver-gold ores at Tonopah resulting from higher prices for gold and silver. Individual maps in each set show the geologic formations exposed in the mine workings for each 100-foot vertical interval explored by mining operations. The maps are believed to provide a basis for the intelligent prosecution of a search for new ore bodies.

A description of the different formations and of the relationships of the ore bodies, based upon the resurvey, was published in 1930 as University of Nevada Bulletin, volume 24, No. 4, entitled "The underground geology of the western part of the Tonopah mining district, Nevada." This report should be read in conjunction with any study of the maps. The report also contains a block diagram of part of the district, which shows in three dimensions many of the geological features shown on the individual maps.

—Denver Mineral Survey.

## GOLDFIELD MINES MAY BE REOPENED

GOLDFIELD—Mining activity in the Goldfield district continues to increase from week to week and late arrivals are experiencing difficulty in finding residence accommodations, says Goldfield News, the well edited newspaper of this great gold district.

It is expected that the examination of properties by a group of the country's most astute mining engineers will shortly result in the reopening of a number of mining claims which in former years produced millions of dollars. Included in the last of experts here are Augustus Loke, who has Don Garvin, Colorado engineer, assisting him, and Harrison Schmitt, of New Mexico, who also has several assistants, as well as others of worldwide repute.

—Denver Mining Record.

## NEW COMPANY WILL WORK NEVADA MINE

LOVELOCK — Edward R. Lovell, Reno geologist and engineer, accompanied by John J. Hanley, also of Reno, stopped here for provisions en route to Rosebud where they plan to start operations for the Rosebud Eldorado Gold Mines Company, a new organization.

## NEW PLACER MACHINE FOR WAGNER COMPANY

The Wagner Gold Placer Company has purchased a Gold King machine of 40 cubic yards per hour capacity and the new outfit will be installed at the company's property at Osceola before the first of February, according to word from E. R. Wagner, manager.

Mr. and Mrs. Wagner, who spent the past month in Las Vegas and Los Angeles, will return to Osceola during the next month to supervise further work on the company's property. — Ely Record.

## MONTGOMERY HAS STARTED TO SHIP AT NEVADA GROUP

FALLON, Nev. — The Dixie Valley plant of the Comstock-Keystone company has joined the list of steady producers of Nevada with shipments of gold bullion already being made from the mill which started only a little more than two weeks ago. Bob Montgomery is in charge.

More than 30 men are now employed, part of the crew being engaged in exploration work. The tunnel has been extended with the result that new values have been discovered beyond the large vein opened up last summer.

Sinking at a point near the tunnel entrance is being continued with the view of drifting back to the true hanging wall where it is believed possible higher values may be encountered.—Denver Mining Record.

## TO DEVELOP CLAIMS AT GILBERT, NEVADA

TONOPAH — Wm. L. Sanger and B. F. Farrington have purchased the Ross claims in South Gilbert on which a sensational strike was made a few months ago. The original owners followed the ore down about 40 feet and took out a 50-ton shipment, then sunk another hole about 75 feet away and shipped another car.

Sanger & Farrington are sinking a shaft about 75 feet away and out in the country rock, intending to crosscut at 50 feet depth and get under the ore that the original discoverers showed up. They believe that they will get enough ore from this level to pay for the mine and the new shaft. It depends upon what they find how they will plan their explorations for greater depth.

—Denver Mining Record.

## ALASKA SYNDICATE TO CONSTRUCT MILL

RENO — The Alaska Gold Syndicate Financing Company, of which George Anderson is president and treasurer, announces that a financing company has been incorporated under the laws of Nevada to finance the installation of a mill. The plant will have a 30-ton capacity, to be built on the Alaska property.

—Denver Mining Record.

## RETURNS FROM BUSINESS TRIP

Glen Kennedy, manager of the Ferron Drug Stores, has returned from a business trip to Reno and points west.

## RETURN TO U. S. C.

Don Stewart, former student of Las Vegas, now a student at U. S. C. has returned to college after spending Thanksgiving here.

Stopping at National Hotel C. O. Lauritzen of the Clark County Gas Co., is stopping at the National hotel.

## URGE BUREAU OF MINES AS BEST LOAN AGENCY

Reno's branch of the U. S. bureau of Mines is the most suitable agency to make examinations for the government on all applications for RFC loans for mining purposes, according to W. Scott Proskey, Nevada mine operator with headquarters in Reno. The Gazette quoted him as follows:

"Concerning the RFC's favorable attitude toward making loans for worthwhile mine development and operation projects, prospective borrowers ought to keep in mind that the most important element in the situation is determination of the commercial worth of ores sought to be developed and reduced. Therefore, the agency that passes on this question for the RFC should be one amply qualified to judge the actual and potential value of the property, the method of development and metallurgical treatment of the ore and, above all, the agency should be one that holds high rank, not only in the eyes of the government, but commanding the confidence of the mining fraternity at large.

"Such an agency is available, certainly so far as Nevada is concerned, and it is the Reno station of the U. S. Bureau of Mines.

"Its personnel and equipment are the best that can be obtained and its experience with all phases of the problems involved make it an ideal agency for the purpose. Moreover, it is a branch of the government and therefore its recommendations should carry conviction to RFC officials and simplify and hasten any transactions between the RFC and mine owners.

"Congressman Scrugham already is advocating this plan and it should get the united support of every mining interest in Nevada, as it is an obvious and common-sense short cut in securing money for development of real mining properties."

—Ely Record.

## GOLD BASIN MINE FIGURES IN DEAL

FALLON — Sale of one-fifth interest in the A. T. Branch holdings at Gold Basin for \$20,000 by Henry Smith of Fallon was reported yesterday. The deal was completed in the offices of a local bank. Although Fred Branch of Reno, Edward S. Montgomery of Reno and Larry Hunt of Fallon chose to retain their interests in the workings Smith sold his holdings to W. R. Meckes, an eastern mining and lumber man.

The property is situated adjacent to the Fairview mining district of Churchill county and has been the scene of considerable mining activity for many years. Last spring high-grade ore was found on the Branch property. Work was started in May with the installation of a compressor and air line. The development started at a point 150 feet north on a previously dug tunnel, the operators drifted east for a distance of 250 feet, cross-cutting three veins of ore at a depth of more than 100 feet.

Present work is being carried on into the hill while one of the veins, averaging between \$150 and \$200 in value is being worked. Shipments are expected to commence in December. A mill will be installed shortly after the first of the year.

The holdings consist of three claims held outright and five adjoining claims known as the Bowman group, held under option.

—Western Mineral Survey.

## "CURBSTONE MINERS" GET NEW IDEA ON WATER FOR PLACERS

Emergency water development for the state's dried up but not cleaned up—placer diggings, is what "curbstone" miners of the state are talking about according to the Goldfield News. Reports from Gold Circle in Elko county say that some are taking out placer gravel worth \$10 to \$50 a yard, but water is scarce and the gravel has to be trucked several miles to a water supply. The same condition is said to prevail in other Nevada diggings, although the values per yard are not so high.

"Curbstone miners" in Goldfield figured it all out. They are all hopped up over reports of rich finds, and would have the SERA develop water resources for them along the lines as the SERA drought relief water program for livestock.

They would have all placer miners grubstaked for one month, within that time the miner to locate his diggings. Then they would be provided with modern, wet-washing machines (valued at \$500 to \$1500 each) with which to reclaim the gold.

At this point the drought relief setup of the SERA is brought into the picture. Each of the miners would be supplied with a brand new well for his available water supply, developed to greater proportions, and the water piped to the scene of activity.

These "mining experts" talk glibly of many available placer mines and how the lack of water is the only block to development, says the News. They mention Gold Circle in Elko county, Round Mountain in Nye, Yerington in Lyon, Osceola in White Pine, Rabbit Hole and Gold Run in Humboldt, Blaceros and Jungo in Pershing, and Van Duzen in Elko.

The real stumbling block to all their big plans is the fact that the curbstone miners haven't been able to sell the SERA on the feasibility and desirability of their schemes.

## ORE SHIPMENTS HOLD TO NORMAL DESPITE WINTER

Although colder weather during November tended to slow down production of gold and silver from workings in the Tonopah mining area, the month accounted for a presentable showing in ore shipments with 69 for the month, only five cars under the 74 total for October.

Leasers in the Tonopah Mining company holdings were second high in production with 17 cars of ore. First in shipments was the Treadwell-Yukon company with 29 cars of concentrates.

The scale of individual shipments for November follows:

Treadwell-Yukon, concentrates	29
Tonopah Mining, gold-silver	17
White Cays, gold	6
Tonopah Ex., gold-silver	4
Tonopah Belmont, gold-silver	6
Red Mountain, gold	2
Divide, gold-silver	2
Klondyke, silver	1
Gold Hill, gold	1
<b>Total</b>	<b>69</b>

—Tonopah Times

## BUSINESS STUDIES

After spending Thanksgiving vacation with their parents Mr. and Mrs. Will Beckley, Jr. and Virginia Beckley have returned to Southern California where they are attending college.