



Bradford Mine to Be Reopened and Activity General in District

John Glassou of Nogales arrived here yesterday morning to reopen the Bradford mine, located a few miles west of town, on telegraphic orders received from A. L. Harroun of Kansas City, president of the operating company. The shaft, which is down 200 feet, is in good condition and the drift to the orebody at the 200 level will be completed. This property produced several shipments of high grade ore when in charge of Thomas F. Gardner.

C. C. Sanders has a dozen men at work on the Andes group on Red Mountain opening up the orebody.

J. W. Swayzee left yesterday for Tombstone, near which place he has a group of mining claims, upon which he will do development work.

Harold E. Bierce, manager of the Flux mine for the Sterling Development Company, left this morning for Los Angeles on a short business trip.

John Hoy, manager of the Trench mine, is making good progress in sinking the new double compartment shaft, although the rock is very hard.

Joseph R. Collie is putting a few miners to work on the Harrison group and more will be added to the force when buildings in course of construction are completed.

Preliminary work which is necessary for reopening the Gringo mine is going ahead, after which the shaft will be un-

watered and the big oreshoot investigated.

H. H. McCutchan was out to the Dixie group several days this week. This property has been making a fine showing, the ore running as high as 60 per cent lead, with several ounces of silver.

C. H. Hoffman is making good headway at the Chief mine. The new station at the 65 foot level has been cut and important results are expected from the work on the vein encountered at this point.

Charles Pepper is building a small house on the mining property he and Jesse Gatlin located recently southeast of town. This property adjoins the William Leek group, where John Wagner recently broke into a large body of silver ore.

The oil tank for the Duquesne company has been raised to eight feet from the ground and strong supporting columns have been placed underneath. J. E. Hopkins and helpers have done a good work. An engine will be placed at the tank to pump the oil from the cars.

P. H. Cornick returned from El Paso Saturday evening and is visiting with Edward F. Bohlinger at his mining camp in the Patagonias near the Three R group. Mr. Cornick is a well known assayer, having been connected with the Green-Canaan Copper Company.

J. Sullenberger of Adrian, De Soto County, Florida, was here this week visiting his old-time friend, William Powers. Mr. Sullenberger was formerly in the mining business and was with Mr. Powers in Virginia City,

Copper.....	20 00
Lead.....	5.25
Silver.....	56 25
Spelter.....	18 25

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LOCAL AND PERSONAL NOTES

Genuine Codfish at the Washington Trading Co. —adv
C. L. Everhart is finishing a new house on his property near Elgin.

Supervisor J. S. Gatlin motored into town Wednesday on a short business trip.

Benjamin Manning is building a large barn and hay shed on his ranch near Sonoita.

The Washington Trading Co. this week unloaded a car of canned goods which contained over one thousand cases.

B. Lewis is finishing the barn and hay shed which has been in process for some time at his Parker Canyon ranch. The next work will be a garage for that fine new car recently purchased.

Mr. and Mrs. James E. Gathn were here this week from their ranch in the San Rafael Valley. Mr. Gatlin has been ill for some time, the effect of an attack of measles, but is improving rapidly.

Mr. and Mrs. T. J. Watson and little girl returned to Patagonia from the coast this week and will make this place their home. Mr. Watson having homesteaded 160 acres adjoining the town on the northeast.

Clarence Creighton was here from Elgin Wednesday. Mr. Creighton will prove up on his homestead on Dec. 9th, Jeremiah Hetler of Elgin making final proof the same day. Albert C. Dalton, Oliver J. Rothrock and Mrs. May B. Mowry of Elgin will make their final proof on Dec. 7th and George J. White of Sonoita will prove up on the 10th.

Nevada, in the palmy days of the Comstock boom. He is now engaged in ranching in Florida.

The Dixie group in the Santa Ritas, owned by H. H. McCutchan, Jake Johnson and William Powers, is making a fine showing under the development work in progress. The vein is several feet wide and runs high in lead, the ore sorted out for shipment assaying 60 per cent lead, with several ounces in silver.

Frank D. Valles will put a force of men to work on the Ivanhoe group. The owners of this property recently had an engineer make a thorough examination of the ground, which was so favorable that the shaft will be sunk several hundred feet deeper and the big silver orebody developed at depth. The mine is fully equipped with machinery.

J. C. Devine, an engineer with the Ray Consolidated Copper Company, is here from Ray and is registered at the Commercial. Mr. Devine is investigating the Pennsylvania group on Red Mountain, about a mile south of town, and other properties. He has had years of experience in the big porphyry camp at Ray and will find the same formation on Red Mountain.

W. H. Crowell, general manager of the Red Mountain Mining Company, will leave for Baltimore early this month to meet with the officers of the company. Plans for handling the ore will be considered at this time. There are approximately four million tons of ore proved, which will average close to 2 per cent copper. This property will in time be the largest operating company in the county.

Fresh Honma Oysters Tuesday at the Cold Storage Market. Fresh salt water fish each Friday. —adv

An eleven pound baby girl arrived Monday at the home of Mr. and Mrs. A. M. Valenzuela.

A son was born Saturday morning to Mrs. T. G. Dunham, wife of the well known San Rafael rancher.

A new door at the A. S. Henderson store was put in this week by "Patsy" Patteson and George T. Coaghlin.

State Bureau of Mines Bulletins

Four bulletins of the Arizona State Bureau of Mines have been received from the printer, and are now being distributed.

Bulletin No. 1, entitled, "Needs of Better Mining Education" deals with possible improvements in mining education, and shows how the University of Arizona is particularly well fitted to cater to those desiring education. Bulletin No. 2 is on the scope of the work of the State Bureau of Mines and tells in detail how the work is to be performed and what may be expected of the Bureau.

Bulletin No. 3, entitled, "Directory of Arizona Minerals" has had a very large demand, but we hope to have a sufficient number to distribute to all those desiring it; however, if necessary, a reprint will be made. Bulletin No. 4 entitled, "Manganese" deals with the possibilities of the manganese industry within the state.

These bulletins are for free distribution and may be had by writing to Charles F. Willis, director, Arizona State Bureau of Mines, Tucson, Arizona.

"Molybdenum"

A recent quotation of \$3500 per ton for 90 per cent molybdenite ore has been reported throughout the state, causing a very great interest to be shown in molybdenite and other ores of molybdenum. This was followed by Bulletin No. 5, Mineral Technology Series No. 3, of the Arizona State Bureau of Mines, entitled "Molybdenum." This bulletin contains brief, but complete information of these ores, with methods of field identification, modes of occurrence, Molybdenum in Arizona, concentration of molybdenite, and the uses and prices of molybdenum.

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Nogales - - Arizona

Lecture Delivered by Rev. Golden

Rev. Golden delivered a lecture at the school house last night, with a large audience present of the Emanuel movement. The lectures will be given weekly, the subjects being:
"The Omnipresent God."
"The Indwelling Christ."
"Practical Christianity."
The next lecture will be given at the school house at 7:30 p. m. Thursday, Dec. 9. Everyone is invited to hear Mr. Golden, who is an interesting and instructive lecturer.

John Russell is putting the finishing work on his nice new house in the Parker Canyon section.

Capt. John H. Cady, historian of the pioneer days of Arizona, was in Nogales this week, visiting his son.

Prof. Stanley F. Morse, Superintendent, University of Arizona Agricultural Extension Service, delivered an address at the Twelfth Annual Convention of the Arizona Bankers' Association at Castle Hot Springs, Arizona, Nov. 12, 1915.

The Bureau of Mines may be secured by writing to Charles F. Willis, Director, Arizona State Bureau of Mines, Tucson, Arizona.

Patagonia Woman's Club Reorganizes

The Patagonia Woman's Club was reorganized Wednesday at a meeting held in the Commercial Hotel parlor and the following officers were elected:

President, Mrs. George H. Francis.
Vice-President, Mrs. C. L. Northcraft.
Secretary, Miss Jeannette Shaw, who will also act as corresponding secretary.
Treasurer, Mrs. O. F. Ashburn.
Program Committee, Mrs. Ray Ferguson and Mrs. E. E. Bethell.
The club starts its reorganization with a membership of fifteen.

Diamond Dyes, all colors, at the Washington Trading Company. —adv

Dr. J. M. Harris left yesterday for Fort Grant, where he will be physician for the Arizona Industrial School.

W. D. Parker of San Rafael Valley and J. L. Parker of Parker Canyon, were here Monday on a business trip.

Sunday school will be held each Sunday at three o'clock at the Patagonia school house. All are invited to attend.

C. B. Wilson's blacksmith shop building, grain shed and new garage have been repainted and presents a fine appearance.

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