

# RICH STRIKE ON BOULDER RIVER

## Old Mines Show \$119 Gold Ore

Tunnels and workings in the Old Plymouth mine on Boulder river southwest of Big Timber have been opened and four samples on a 12 to 15 inch lead averaged \$119 per ton in gold. The original ore taken out of the Plymouth was rawhided down the hill to the mill. It was rich in gold when the increasing complexity of the ore made milling impossible with the methods available 35 years ago.

## SILVER GOLF CUPS NEEDED TO GIVE RESERVES

Says the City National Bank (Duluth) "Business Review": "By placing our present gold stocks behind money on a 75% base (with 25% silver) it will be necessary to acquire four billion ounces of silver at the current market price for the purpose.

"The impossibility of the accumulation of such an amount of silver is apparent when we realize that such an accumulation would deprive every nation in the world of all its silver coins. It would take all of the silver now in the United States including every silver candlestick, golf cup and tea spoon to put 15 per cent of silver behind our money."

The government has thus far bought 326,000,000 ounces and has 1,024,000,000 ounces still to be purchased to establish the 75-25 ratio of gold and silver.

## CUSTOM MILL IS PROPOSED ON CATARACT

Plans are being laid to build a modern mill for custom work at the mouth of Cataract creek in the Cataract district. Operated as a commercial venture the mill will separate the metals at a 10-to-1 ratio on a basis of \$2.50 per ton. If these plans mature, development in the district will be greatly speeded in the development of small mines. The project will be watched with interest by mining men throughout the state since it is generally conceded that commercial mills would be of material benefit to many districts at present hampered by inadequate concentration facilities.

## CHANNEL MINE PREPARING FOR WINTER WORK

Preparations for winter operations are being made at the Channel Gold Mines in the Marysville district where sensational strikes on virgin ground were made during the past summer.

Sandwiched in between the Penobscot and Bald Butte mines, producers of millions, the Channel has great possibilities and important developments may be expected before spring. The stationary compressor at the tunnel is being housed and new camp buildings are being built. Another portable compressor is being installed at the shaft where \$27,000 ore was developed at 12 feet of depth.

According to Belle E. Channel, the building work will be completed in the next few days and the mine operations will be in progress with power within another week.



## Gold Is Worth More And Cost of Mining Is Less Than It Used To Be

Gold producers here figure that dollars containing 18.7 grains of gold will go just about as far in mining gold as the old dollar of 23.23 grains. At the same time the value of the gold has risen from \$20.67 to \$35 an ounce. It would seem that the producer and stockholder are pocketing most of the increase in price.

One of the operators here where digging gold is the chief occupation, has compared his costs as of September 1, 1934, with those of May, 1916.

"I find," he says, "that outside of certain classes of labor, my costs are lower now than they were in 1916. Then we were paying miners \$4 per shift for ordinary mining and \$4.50 for shaft work. Now we are paying \$4.50 to \$5 for common mining and \$5.50 for shaft labor. Mill men are getting \$5 a shift, which is the same rate as was paid in 1916.

"On the other hand, the cost of getting freight in from the railroad is three-fifths of a cent a pound where it used to be from three-quarters of a cent to 1 cent. We get mine timbers delivered for three to \$40 a thousand feet against a 1916 price of \$42.50. Coal is \$17 a ton compared with \$22.50, and crude oil, for which we formerly paid 11 to 13 cents a gallon, can be had now for 10 cents.

## PILOT MILL GOING IN ON INDIAN CREEK

A five ton mill has been installed on the Jay Gould mine in the Indian Creek mining district. Nick Purnea of Helena who is operating the property, plans development thru the winter. He intends to install an amalgamating table and if necessary a crusher.

## SEATTLE MAN TAKING OVER SILVER KING

John F. Conway of Seattle has purchased the property known as Silver King and Silver Queen No. 2 located in the Cataract district of Jefferson county.

The claims which lay alongside the Minneapolis, one of Montana's former great producers, have a 20-inch ore vein exposed for a distance of 3000 feet on the surface. A short tunnel of 150 feet is in on the vein and numerous assays show from \$15 to \$40 gold per ton. Engineer's reports indicate excellent possibilities for the property.

Mr. Conway will start operations in the near future. He will extend the tunnel with the idea of getting a grade suitable to ship.

**HARD TO GET DYNAMITE**  
Difficulty in the purchase of explosives in large quantities is reported by Montana miners. Possibility of revolutionary activities has been blamed for the situation although it may not be related. It is also reported that it is impossible to buy large quantities of glycerin, which might be used in the manufacture of nitro-glycerin.

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## BASIN MONTANA FLOTATION PLANT IS IN OPERATION

BASIN—Basin Montana Tunnel company has put into operation its new flotation plant. It has a crushing capacity of 250 tons each eight hours and an output capacity of 250 tons daily. It will treat lead, zinc, silver and gold ores.

## COOKE CITY MILL HAS ENOUGH ORE FOR WINTER RUN

McLaren Brothers, operating the famous New Years Gift claim, have stored enough ore at their mill east of Cooke City to operate throughout the winter, during the time when snow will be too deep for steam shovel or truck operation.

The mill is now running at capacity and is reported making a recovery of about 20 per cent on ore which is mined at a cost of from 10 to 20 cents per ton. The gold is contained in a soft clay which is mined with a steam shovel and from three to five trucks have been used to haul it across the mountain to Cooke City.

Storage tanks have been filled with fuel oil and other preparations have been made for continuous operation of the mill.

## SNAKE PUNCTURES TIRE

TONOPAH, NEV.—Honors for telling the season's best snake story are claimed by C. C. Boak of Tonopah.

Boak, with several other men, was driving to Clarkdale, south of here, according to his story.

On the way, a rattlesnake was observed lying in the road, the driver stopped the auto to close to the snake that the rattler struck the front tire and punctured it. "Out rushed the imprisoned air," Boak said. "The snake was held so that the air was forced down his throat. He began to swell until he was the size of a six-inch stove pipe.

Just before he blew up, the driver seized the snake, took the tire from the wheel, pulled out the deflated tube and inserted the rattler in the casing and the party drove down the road.

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## GOODALL BROS. HELENA, MONT.

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LICENSED GOLD BUYERS

## DO MINES DECREASE IN VALUE WITH AGE?

Do mines become valueless with age?

This is the reply of Dr. Francis Thomson of the Montana School of Mines and a national authority:

"That all mines do not decrease in value with age is shown by the history of the great mines of the world such as the Homestake in South Dakota, the copper deposits of Africa, the gold mines of the Mother Lode in California, the great Sullivan lead-zinc mine of British Columbia, all of which have yielded the greatest profit at depths of 1000 to 4000 feet, are still richly productive, and have far outlived the lifetime of those who first developed them."

## SPEED UP WORK ON INDIAN CREEK TO BEAT WINTER TIME

With winter coming on, Hansen Associates, Inc., has put double shifts on its Indian creek dry land dredge, near Townsend, and will handle all gravel possible before cold weather shuts off the water supply. Water is being pumped from the Missouri river to supply the gravel washer, which is handling around 2,000 yards of gravel per day.

**LINCOLN MINE WORKING**  
The Lincoln mine in the Red Bluff district is being developed by operators with a small mill, who report ten ounces of dry amalgam every two weeks.

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WYOMING CASPER,

**HE WRITES ABOUT ROCKS**  
For people interested in the subject of paleontology, Dan P. Mumbrue of Helena has provided an interesting book on fossils in Montana, which he calls "Book of Rocks." He describes fossil deposits in the Sweetgrass Hills, the Little Rockies, the Snowy and Bears Paw Mountains and the Big and Little Porcupines. He tells of the types of fossils that may be found in the various formations.

## OPPORTUNITIES

Herein are listed some of the best bargains to be found today in Montana's Oil Fields and Mining Districts. In this column are found the items that escape the casual reader—

### MINING

**HAVE BIG DREDGE PROPOSITION**  
In proven district. Possible to make small fortune by ordinary methods. big acreage and dredge outfit could make real money. Write L. H. Montana Oil and Mining Journal.

**OVER \$100,000 development work** already done on my claims near Basin and have big showing of ore. Can make splendid deal with any person or group who will finance crusher and concentrator. Smelter returns net \$28.00 per ton in gold, silver and copper. Write J. M. O'Day, care Montana Oil and Mining Journal.

**NEED FINANCIAL ASSISTANCE** for development of big mining property. Have mill and buildings, 2,000 feet of tunnel, slopes and drifts and have big ore body blocked out. G. D. Montana Oil and Mining Journal.

**CAN USE ADDITIONAL FUNDS** for further development and ultimate installation on one of largest mining properties in the state. This is not a small money proposition and we invite this "best" investment. E. D. Care of Montana Oil and Mining Journal.

**PATENTED PLACES**, 26 acres will run 60c per yard. Would like to get in touch with dry wash operator capable of handling property. Will sell at sacrifice. Box 1003, Montana Oil and Mining Journal.

**\$2500 WILL FINANCE SMALL** mill for high grade property in southern part of state. Have huge body of ore for milling but inaccessibility will only permit a small mill at the present time. Can offer guarantee and give substantial interest. Property ready for investigation. Write J. E. Care of Montana Oil and Mining Journal.

**HAVE LARGE SILVER-LEAD-ZINC** property with large tonnage. All conditions ideal for mining and milling. Samples show 58 oz. silver, 64% lead and 15% zinc. Write F. W. W. Montana Oil and Mining Journal.

**HAVE LEASE AND OPTION** on a large gold mining property near Helena. Would like to raise additional capital for more machinery for mine and mill. Need from \$5,000 to \$10,000 and will make ideal proposition. J. F. B. Montana Oil and Mining Journal.

**HAVE ONE THAT NETS OVER \$18** per ton, and the mine is equipped with everything but compressor and hoist. Will give half interest for small financing to enable further development. Box 1007, Montana Oil and Mining Journal.

**NEED MONEY FOR CRUSHER** and can make excellent deal with right party. I have put \$100,000 into this property for development work and it is now ready for a mill. A huge supply of ore returning \$28. Invite most exacting examination. Box 1008, Montana Oil and Mining Journal.

**FINEST COPPER MINE IN MONTANA** really big proposition for big money. Will send sample and welcome engineers examination. Have done much development and will make fine proposition.

**GOLD PROPERTY**  
Need party to help raise enough money to buy a 10 ton mill, etc., to operate property.  
721 9th St. No.  
Great Falls, Mont.

Have good mining property with 100,000 tons of tailings that will run \$3 per ton and 45,000 tons of ore in one shaft worth \$12 in gold alone. Actual shipments run from \$7 to \$45 ounces of gold and 6.5 to 14.5 ounces of silver. Mill will pay for itself in ore now in sight and big profits besides. Will make fortune for man who will furnish finances for mill. Write "J. A. D." care Montana Oil & Mining Journal, Great Falls, Mont. 4x

### OIL

**CONTOUR maps of Whitlash, Bears Den, Flat Conlee, Pinhorn, Reserve, Utopia and Grandview**. 10c a copy. Supply Department, Montana Oil Journal, Great Falls, Montana.

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**OPERATORS and geologists** may avail themselves of the use of the Montana Oil & Mining Journal's geological library, which has the largest collection extant of U. S. G. S. State and private reports on Montana oil and mining geology. Since many of these reports are out of print, copies will be furnished of reports, together with maps, on a moderate fee charge, through the Supply Department, Montana Oil & Mining Journal, First National Bank Bldg., Great Falls, Montana.

**Geological Reports** copied or mimeographed—maps reproduced. Box 500, Montana Oil & Mining Journal, Great Falls, Montana.

**CONTOUR MAP—Cut Bank field**, by G. G. Howard, showing all wells drilled and later subsurface data. Supply Department, Montana Oil & Mining Journal.

**SWEETGRASS ARCH MAP—Contours** topography, all well locations. Finest map of its kind ever prepared. By E. E. Emrick, Supply Department, Montana Oil & Mining Journal.

**SMALL SCALE Placer-Mining Methods** by Chas. F. Jackson and John B. Knobel, a booklet giving placer mining districts in Montana and Idaho, minerals associated with placer gold, the different methods of mining placer gold and how to construct the proper equipment. 60c per copy. Supply Department, Montana Oil Journal.

**PLATT MAPS—Contour map** Kevin-Sunburst field showing all wells drilled to date. Paper \$5. Lanes \$7.50. Supply Department, Montana Oil & Mining Journal.

**MINERS TRY OUSTER**  
BISMARCK, N. D.—Twenty-four miners have petitioned for the removal of J. Olson of Wilton as State mine inspector, charging inexperience.

**FOR SALE—1 Ainsley Gold Separating Machine** in A-1 condition. \$580 new, now \$250. Brown Exchange, 804 1st Ave. South, Great Falls. 10-4-y

I have discovered virgin placer ground and need financial assistance. Want investors who can provide \$1,000 cash, to be used only in event ground proves out. Will file claim in your name; you do assessment work and dig necessary test pits. If values uniformly average 30 cents per yard, can get dry land dredge capable handling 2,000 yards per day, which will be installed in spring. Prefer Montana men who can go and see property and take personal part in work. Write D. W. Garis, 1215 Third Avenue North, Great Falls, Montana.

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