

# Ton Of Ore Yields \$50,000 In Gold

## Uncovered In Rich Pay Streak, Extent Which Is Unknown

### Find Is Declared Most Spectacular In History Of British Columbia Mining Industry

Perhaps the richest slab of gold ore found in British Columbia was encountered on the eighth level west in the Pioneer mine, in Lillooet mining division, says the Vancouver Mining News.

A block, four feet long, 13 1/2 inches wide and six inches deep, contained an estimated gold value of \$48,000, and the value of the whole block of nearly a ton was about \$50,000. The find was the best part of a rich pay-streak, the extent of which has not yet been determined.

It is not unusual in gold mines to run across an occasional concentration, but this is the most spectacular block of ore yet found in the province. David Sloan, managing director, brought samples a few days ago to Vancouver of this block, some of which will be sent to give New York shareholders a thrill. The second and larger sample will be shown in the company's offices in Vancouver.

## SAPPHIRES YIELDED BY TURKEY GIZZARD

Mrs. S. E. Eckert of Stanford purchased a turkey from the Judith Basin county pool at Stanford and in dressing it she was rewarded with a double handful of sapphires—many of them dark blue, taken from the gizzard. Several of the stones weighed three to four carats each. Although an immediate check was made by pool officers they were unable to trace the origin of the bejeweled bird.

## Bradstreet Sees Silver As Possible World Savior

BRADSTREET'S WEEKLY for January 14 carries an article headed: "Economic Salvation Via Silver." Coming from this source, it is possibly the most significant utterance on the subject that has been made in the past year.

Bradstreet's statistics are universally recognized as disinterested and authoritative. Up to this time Bradstreet's has been an unremitting adherent of the single gold standard, yet its business charts and tables have been used by bimetalists as basis for their argument that the gold standard cannot be made to work any longer.

Bradstreet's comment follows in part: "A week ago Wednesday, Senator Borah took up the standard of the legitimate inflationists with a declaration favoring the remonetization of silver. The word legitimate is used to dis-

tinguish those inflationists who are in favor of breaking the commodity price jam by resort to another metallic base for currency as contrasted to those who, like Senator Patman, would issue notes of fiat currency to accomplish the double purpose of inflation and the temporary appeasement of the veterans."

(There follows a discussion of Borah's statement blaming Britain for the demonetization of silver, and the defense which the British ambassador at Washington, Sir Ronald Lindsay, is supposed to make.)

## CALIFORNIA LEADING IN GOLD YIELD

Washington, Feb. 4.—California led the states in gold production in 1932, turning out 566,081 ounces worth \$11,700,900. As shown in the report of the bureau of the mint, the country produced 2,507,587 ounces of the yellow metal, worth \$51,846,400, and 24,425,089 ounces of silver, worth \$6,687,875.

Gold production was an increase of \$2,309,200 as compared with 1931.

Utah led the way in silver production with 7,815,956 ounces, worth \$2,204,099. Idaho ranked second, producing 6,733,760 ounces, worth \$1,898,920. The silver was valued at the average New York price of bar silver at 28.2 cents per ounce.

## CLAIM NEW MACHINE SAVES "FLOUR" GOLD

While in Spokane recently, Oscar Torgerson and W. T. Marineau had occasion to investigate a placer gold machine, one that will catch flour gold. As explained by an official of the Union Iron Works, the machine is especially designed to work ground too small for dredging operations or which does not justify the large investment required for dredging. He says his machine will cost but a small fraction of the cost of a dredge and under ordinary favorable conditions the operating cost will be less than 10 cents a yard. In general terms the machine invented by Mr. Moore which is being constructed by the Union Iron Works, Spokane, consists of a hopper, conveyor, grizzly, trommel, sluice boxes and tailings stacker. A modern power shovel is used for digging and handling the gravel, while separate movable washing plant follows the power shovel. The equipment can be dismantled to move to other ground just as the gravel plant and power shovel can be moved in highway construction.

## TRAVERTINE MINE MAY BE IMPORTANT STATE INDUSTRY

LIVINGSTON—The large travertine deposit at Gardiner, which the Northwest Improvement company, associated with the Northern Pacific, has been developing the past year, has been drawing the increasing interest of Park county people as a potential new industry.

The Montana School of Mines, in a story released this week, says of travertine:

**Building Stone of Antiquity**  
Travertine, a form of limestone, the building stone of antiquity, from which many of the famed structures of history such as the St. Peter's church and the Colosseum at Rome were erected, is being mined in Montana in large quantities, according to records at the Montana School of Mines.

Montana has what are probably some of the largest travertine, or "marble onyx" deposits in the world. Great blankets of it exist near Gardiner and Manhattan as well as near Lewistown and smaller deposits elsewhere. The present extent of the stone in Montana is estimated to be about 20 to 25 square miles from available data. Several of the Gardiner and Manhattan stone specimens have been received at the School of Mines from the Northwest Improvement company which is now quarrying it.

The Manhattan quarry is about six miles north of the town and the Gardiner quarry is about one and a half miles west of Gardiner. Both are yielding a beautiful banded rock that takes a high polish. The Manhattan stone is the more compact and shows very delicate shading in the thin bands which are interspersed through it. It is somewhat translucent.

In speaking of the stone, Dr. E. S. Perry, professor of geology at the School of Mines and chief geologist for the Montana bureau of mines, says:

**Hoodooes Are Travertine**  
"Probably a million or more years ago the surface near Mammoth Hot Springs was 300 to 400 feet higher than at present. The entire country in the vicinity of Mammoth and Gardiner was the location of many springs. The water came to the surface after passing through a thick bed of relatively pure limestone 2,000 to 3,000 feet below the surface. That this action took place over a period of many centuries is indicated by the thickness of the deposit, which ranges from 50 to 200 feet."

(Continued on Page Seven)

## BETTER BUSINESS BUREAU FIGHTING ADVERSE REPORTS

The Manhattan Board of Commerce, Hotel Commodore, New York, is carrying on an extensive circularization campaign directed against the Better Business Bureau, most of which, it alleges, are creatures of the New York Stock Exchange and therefore largely responsible for the Wall Street collapse and the consequent loss of \$150,000,000 by the American public because of deflated securities prices.

Dr. H. Styles Potter appears as president of the Manhattan Board of Commerce, but rebuttal circulars put out by the New York Better Business Bureau allege that the real head of the concern is one Logan Billingsley, a former Seattle promoter who came into notoriety about 14 years ago because of his alleged connection with ill-fated business ventures in Seattle.

Detailing the results of a purported investigation of the 50 Better Business Bureaus, the Manhattan circulars state:

"We found that the members of the various big Stock Exchanges throughout the country were paying to the fifty Better (Continued on Page Seven)

## CANADIAN MINING DIVIDENDS LARGER

The gold mines of Canada last year paid their shareholders \$17,611,088. This is \$2,604,707, or 18 per cent, more than they paid out in 1931, according to a review of Canadian mining enterprises for 1932. The grand total of dividends paid since gold mining was begun is \$151,780,396. Ontario this year contributed \$16,247,852, compared with \$14,070,458 in 1931 and an aggregate to date of \$134,257,346.

Quebec and British Columbia yielded \$1,363,236, compared with \$845,923 in 1931, and an aggregate of \$17,523,050.

# ANACONDA

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**A. C. M. Company**  
Anaconda, Montana

## From the Records

### GLACIER COUNTY

By Glacier County Abstract Co. CUT BANK, MONTANA

**ASSIGNMENTS OF ROYALTY**  
L. F. McCurdy to Frank Whitton 1-8 of 1% in NE1/4 18, E1/2 20-34-5, \$1.  
Same to Angus MacRae 1-10 of 1% in NE1/4 18, E1/2 20-34-5, \$1.  
Same to M. H. Kirtz 1-8 of 1% in SW1/4 12-34-6, \$1.  
R. C. Tarrant to A. C. Johnson 1-10 of 1% in NW1/4 12-34-6, \$1.  
Same to same 1-10 of 1% in Lots 8 & 9 SE1/4 12-34-6, \$1.  
Same to Meta Connell 1-2 of 1% in Lots 8 & 9 SE1/4 12-34-6, \$1.  
Same to Beatrice Reuf 1-2 of 1% in Lots 8 & 9 SE1/4 12-34-6, \$1.  
Martin Teterud et ux to L. L. Teterud 1% in Lot 1, SE1/4 18, E1/2 20, NE1/4 20, Lots 3 & 4, SW1/4 20, SW1/4 23-35-5, E1/2 24-37-5, S1/2 26, N1/4 35-38-5, \$1.  
Gertrude Corriveau to F. E. Van Demark 1-2 of 1% in Lots 3 & 4 in 2-33-6, W1/2 25, Lots 3 & 4 in 34-34-6, \$1.  
Same to Vern T. Mather 1 1/2% in Lots 3 & 4 in 2-33-6, W1/2 25, Lots 3 & 4 in 34-34-6, \$1.  
William B. Hoer to Lyle Tlatinger 3-10 of 1% in SW1/4 12-34-6, \$1.  
R. C. Tarrant to Alforda D. Faddis 1-2 of 1% in NW1/4 12-34-6, \$1.  
Same to Walter F. Lyon 3-10 of 1% in Lots 8 & 9 SE1/4 12-34-6, \$1.  
Same to Peter G. Ruetten 11-40 of 1% in SW1/4 7-35-5, \$1.  
L. F. McCurdy to John D. Sedensky 1-16 of 1% in NE1/4 18, E1/2 20-34-5, \$1.

### TOOLE COUNTY

By Toole County Abstract Co. SHELBY, MONTANA

**ASSIGNMENTS OF ROYALTY**  
L. F. McCurdy to LeRoy C. Netzer 1-8 of 1% on E1/2 28-35-3, \$1.  
H. S. Johnson to Mrs. Emma Ohman 6-25 of 1% on S1/2 19-34-1W, \$1.  
John H. Ethredge to Rose Ethredge 4% on NW1/4 20; SE1/4 20-34-1 West, \$1.  
**ASSIGNMENT OF OIL & GAS LEASE**  
John H. Ethredge to Rose Ethredge SE1/4 18 SW1/4 17; NE1/4 SW1/4 29-34-1 West, \$1.  
**SHERIFF'S CERTIFICATE OF SALE**  
O. D. Clark, Sheriff for Sunburst Oil & Refining Co. to H. G. Syster Leasehold on SE1/4 14-35-2 West. Leasehold on NE1/4 23-35-2W, \$281.76.  
**WRIT OF ATTACHMENT**  
First State Bank vs. Norman Gibson et al NE1/4 E1/2 18, E1/2 20, E1/2 7-35-1 East, \$190.00.  
**WARRANTY DEED**  
Midwest Refining Company to Continental Oil Co., E1/2 SW1/4 Lot 4, SW1/4 SW1/4 19-35-1W. Reserves 20% royalty \$1.  
**CHattel MORTGAGES**  
C. T. Olen to Sunburst State Bank Drilling equipment, \$1000.00.

### PHILLIPS COUNTY

By E. S. Brown MALTA, MONTANA

**ASSIGNMENT OF PART OF OIL AND GAS LEASE**  
Big Dome Oil & Gas Co. to Phillips County Oil & Gas Co. \$1 ovc. Assigns leases affecting Lots 4, 65 Sec. 12, Lots 1, 2, 3 & 15, Sec. 11-32-32.

### PONDERA COUNTY

By Pondera County Abstract Co. CONRAD, MONTANA

**OIL AND GAS LEASES**  
Albert E. Wilkins et ux to William W. Staplin NW1/4 24 W1/4 25, Lot 7 Sec. 34, Lots 3, 4, 5, SE1/4 35-32-5W, Lots 1, 2, 3, 4 Sec. 7, Lots 1, 2, 3, Sec. 2-311-5 Lots 3, 4, Sec. 31-4W, \$3022.14.

## CALIFORNIA MINE YIELDS NEW METAL

LOS ANGELES, Feb. 4.—Charles C. Berg, Beverly Hills civil and mining engineer, for seven years chief engineer of the International Nickel corporation, confirmed reports today that a rare ore, yielding a metal comparable in hardness with the best alloys, has been discovered in the Little Tujunga mining district near Glendale, California.

He said announcement of the discovery has been withheld while experiments were made over a period of three years in Detroit, Toledo and elsewhere. He calls the find "X metal."  
One test confirming extraordinary hardness of the metal, Berg said, was made by Conrad Jobst, precision engineer of the Libby-Owens interests of Toledo. Another, he asserted, was made by Walter Brown, metallurgist of the Detroit Seamless Tube company.

DETROIT, Feb. 4.—Walter Brown, metallurgist of the Detroit Seamless Tube company, said today that the ore described by Charles C. Berg of Beverly Hills as "X metal," analyzes mostly iron but "does not behave like iron."  
Brown has made a test of the ore, said to have been discovered in the Little Tujunga mining district near Glendale, California. "It is noncorrosive, regardless of what treatment is given it," Brown said today. "It will weld and will yield castings, with no change in consistency in its structure. We have lined some automobile cylinder sleeves with it, and after a test of 30,000 miles running the new metal shows no wear."

## CLASSIFIED

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—oil royalties, leases and equipment, mining claims and diversified investment opportunities. Advertising rates 25c per insertion per line, counting six words to the line. Four insertions for the price of three. Payment strictly in advance.

### MISCELLANEOUS

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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.

**WILL TRADE** equity stucco bungalow San Diego, California, good royalty Cut Bank oil field, some cash. Owner, 810 El Carmel, San Diego, California. 2-4-a

**FOR SALE**—Savage model No. 25, 22 caliber repeating rifle, \$8.00. Call or write owner, 215 Second Ave. North, Great Falls, Montana.

**FOR SALE**—Light oak roll top desk and chair, practically new. Call or write 215 Second Avenue North, Great Falls, Montana.

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

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**LAND** to Lease for oil and gas between Border and Cut Bank fields. Write owner Box 238, Sweetgrass, Montana. 1-21-d

**WILL LEASE** 80 acres in productive area Cut Bank field for immediate drilling of one well. Write P. O. Box 125, Great Falls, Mont.

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