

Record Mine (gold) Quartz

Baker County

Old Name: Whited Mining Co.

Present Owner *Whited Mining Co.*
Operator : Record Gold Mining Co., Fred N. Nicholson, Pres., Seattle, Wn., L.T. Kremer, Secy., Enumclaw, Wn., W. C. Fellows, Mgr., Baker.

Capitalization: No information

Location: $5\frac{1}{2}$ miles SW of Unity in Sec. 11, T.14 S., R. 46 E.

Area: 15 full sized unpatented quartz claims and 80 A. deeded.

Financial Position: ~~No information.~~ *See financial statement and prospectus*

History: Previous to 1933, 10 stamp mill, water power 4 spring months, operated by Whited Mining Co.

Equipment: Mine - 340 cu.ft. C.P. Diesel, compressor, Leadville 1500# tigger hoist, D-G drills, D-6 sharpener, Blacksmith shop, boarding house, bunk house, assay laboratory.

Mill flow sheet - 75 ton crude ore bin, 75 to 20 ton per hour capacity, to Traylor vibrating screen ($3/4$ ") oversize to Wheeling jaw-crusher, undersize to conveyer to fine-ore bin to 6'x6' Traylor 125 ton capacity. First amalgamation between Ball mill and Dorr - 24" Duplex classifier, second amalgamation overflow from classifier, pulp thence to emulsifier, elevated by Wilfley sand pump to 2-SW Eng. rougher cells, concentrates to deaner cells, deaner tails back to circuit at head of classifier and Wilfley table receive split of (?) tails for recovery test. Final tails pumped up canyon for storage, concentrates to thickener, to Oliver's filter, S.W. Eng. and (?)

Recovery: 94% combined amalgamation and concentrates.

Production: Old, \$40,000 in bullion high-grade and concentrates
Since 1933: Bullion \$50,000, conc. \$10,000, high grade \$3,000.

Geology: Vein on winding contact of granite and serpentine. Strike N.45° W. dip vertical, chalcopryite (small amount) gold 900 fine, balance iron-stained quartz, average width 5', average value \$10.00. Cross vein 30 ft. wide (\$3.00) will test \$2.35 recovery, also 10-16' parallel \$3.00 vein.

Development: 4 levels all adits, #4, 1400 ft., #3, 800 ft., #2, 1000 ft., #1 200 ft. New winze 120 ft. below #4 level. Raises connect #4 with #3 and #2 also 500 ft. of crosscuts.

Ore Reserves: Most ore extracted above #4. Ore in winze 3-5 ft. of \$15.00 average. Deeper development needed to develop *more* ore indicated in winze and exploration on additional levels. Additional pumping and other mine equipment required.

Costs, Ore: Reported at \$5.00 per ton mining and milling.

Informant : W. C. Fellows, for assay ~~ix~~, values, costs, etc.

The mill averaged 35 tons a day, with 9 men in the mine and 3 in the mill, one shift.

Geology: Country rock granodiorite and peridotite, with some aplite, along the periphery of the granite. The main vein cuts across the contact at right angles, the aplite being about 60 feet wide, and carrying the best values. Ore weak in granite and disappears in the peridotite. Apparently a tension fracture (no movement apparent) ~~normal~~ radial to the granite intrusion.

The vein averages 4% of ore, strikes NE-SW, dips 88 SE. The minerals in order of abundance are pyrite, chalcopyrite, arsenopyrite, and molybdenite. No lead or zinc. Little malacjite, some chrysocolla in upper levels.

65% of the ore free milling, recovered on the plates. The ore averaged \$10 per ton for 1937.

Four levels to the mine. Walter ~~Fellows~~ of Baker can furnish a map.

Ore still in shaft, but all the ore that was developed has been mined.

Informant, Donald Kempfer, ~~mine~~ mill foreman.

6/23/38

John Eliot Allen

JA

Name: Record Mine (Unity Mine) Bull Run District, Baker County.

Operator and Owners: Record Mining Co. Alfred and Wilson Whitehead, Unity, Ore.

Location: Center of E $\frac{1}{2}$ of Sec.1, T 14 S, R 36 E.

Area: 2 patented claims, 2 unpatented.

History: First produced in about 1900, when a small stamp and amalgamation mill operated. Record Min. Co. started in 1928, developed until 1935, in production until May, 1937, then closed down. About \$100,000 produced in the two years of operation.

Equipment: 100 ton ball mill, Marcy type. Amalgamation pltes. Flotation, 2 rougher and 2 finisher cells. Primary and secondary crushers. Diesel power. Dorr classifier. Dried concentrates on hot plates.

~~Mill averages 35 tons a day, one shift, with 9 men in the mine.~~

Record Mine ✓

Whited Property in UNITED

Gold

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

T14S

R 39E

R 36E

Sec. 11 SW 1

T

R

S

PUBLISHED REFERENCES

Lorain 38:41

Oregon Metal Mines Handbook 14A pg-101

MISCELLANEOUS RECORDS

Walter Fellows (ME) Baker has map of workings

Baker

COUNTY

Upper Burnt River

AREA

ELEVATION

ROAD OR HIGHWAY

DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S)

~~Mrs. Claud Ralph~~

~~Mr. Whitmore~~

(1959)

KENNETH GRABNER

Address

Baker, Ore.

2310 2ND ST. BAKER

OPERATOR

Name of claims

Area

Pat.

Unpat.

15 claims

x

80 acres deeded land

Name of claims

Area

Pat.

Unpat.

EQUIPMENT ON PROPERTY

REPORTS

Record Mine by M.C. Fellows, EM, 1-29-1929

X

LORAIN, S.H. USBA I.C. 7016, 1938

X

X

X

GMI Bull 14-A ORE. METAL MINES HANDBOOK

X

X

X

SHIPMENT AND ASSAY RECORDS

MAPS

Print of Underground workings

✓

TRAVERSE BETWEEN SUNRISE CLAIM TUNNEL AND

LOWER WORKINGS N.S. WAGNER 6/1950

✓

Whited Property

- see Record Mine

Gold

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

145

36E

11

T

R

S

PUBLISHED REFERENCES

Baker

COUNTY

Upper Burnt River

AREA

ELEVATION

MISCELLANEOUS RECORDS

ROAD OR HIGHWAY

DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S)

Mr. Maud Ralph

Mr. Whitmore

Address

Baker Oregon

OPERATOR

Name of claims

Area

Pat.

Unpat.

Name of claims

Area

Pat.

Unpat.

EQUIPMENT ON PROPERTY