

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

BONANZA MINE (Gold)

Baker County
Greenhorn District

"In sec. 8, T. 10 S., R. 35 $\frac{1}{2}$ E., and about 4 miles east of Greenhorn and 8 miles by wagon road from Whitney, is the old Bonanza mine, discovered in 1877, and actively operated from 1892 until December 1904, since which time leasers at different times have mined ore from some of the old workings. The total production was approximately \$1,750,000. From the various levels the property is developed to a depth of 1,250 feet below the outcrop.

"The country rock is argillite, although a little limestone and serpentine are near. The vein strikes about N. 55 degrees W. and is said to be nearly vertical. According to Lindgren, the pay streak averaged only 5 to 6 feet wide, but swelled in places to 40 feet, by the appearance of a vast number of quartz stringers."

References: Parks & Swartley, 16:39 (quoted)
Lindgren, 01:700
Swartley, 14:188
Hewett, 31:9-10-36
Pardee & Hewett, 14:119

Bonanza Mine

Gold

NAME
4 mi. E. of Greenhorn

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

10 S 35 1/2 E 8
T R S

PUBLISHED REFERENCES

Parks & Swartley 16:39
Hewett 31:9-10-36
Lindgren 01:700
Pardee & Hewett 14:199
Swartley 14:188
Dogami 14-A, page 53

MISCELLANEOUS RECORDS

..... Baker..... COUNTY
..... Greenhorn..... AREA
..... About 6000'..... ELEVATION
..... ROAD OR HIGHWAY
..... 9 mi. from Whitney..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) R. B. Mc Ginnis.....

Address Marlin, Oregon.....

OPERATOR

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

Name of claims Area Pat. Unpat.

REPORTS

Letter discussing mine by D.W.C. Nelson March 1944

SHIPMENT AND ASSAY RECORDS

Assorted mill records for 1902 and 1903

x

MAPS

Bonanza Consolidated Quartz Mine refer Bonanza Mine

| NAME | OLD NAMES | PRINCIPAL ORE | MINOR MINERALS |
|------|-----------|---------------|----------------|
|------|-----------|---------------|----------------|

| | | |
|------|----------------------|--------|
| 10 S | 35 $\frac{1}{2}$ EWM | 4,9,10 |
| T | R | S |

PUBLISHED REFERENCES

..... Baker COUNTY

..... Greenhorn AREA

..... ELEVATION

MISCELLANEOUS RECORDS

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S)

Address

OPERATOR

| Name of claims | Area | Pat. | Unpat. |
|----------------|------|------|--------|
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| Name of claims | Area | Pat. | Unpat. |
|----------------|------|------|--------|
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EQUIPMENT ON PROPERTY

REPORTS

SHIPMENT AND ASSAY RECORDS

MAPS

Claim map C. M. Foster 1896

Profile of Tramway 1896

Section of plan and workings John Hazel

x

x

x

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

10 S

35 1/2 E

8

T

R

S

PUBLISHED REFERENCES

..... Baker COUNTY

..... Greenhorn AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)

Address

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OPERATOR

Name of claims Area Pat. Unpat.

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Name of claims Area Pat. Unpat.

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EQUIPMENT ON PROPERTY

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BONANZA MINE

VEINS IN ARGILLITE

Bonanza Mine.—About 4 miles east of Greenhorn is the old Bonanza mine, discovered in 1877, and actively operated from 1892 until December, 1904, since which time leasers at different times have sought for ore in some of the old workings. The total production was approximately \$1,750,000. From the various levels the property is developed to a depth of 1,250 feet below the outcrop.

The country rock is argillite, although a little limestone and serpentine are near. The vein strikes about N. 55° W. and is said to be nearly vertical. According to Lindgren the pay streak averaged only 5 to 6 feet, but swelled in places to 40 feet by the appearance of a vast number of quartz stringers.

GREENHORN
MT. REGION
VEINS IN
ARGILLITE

BONANZA MINE

GREENHORN

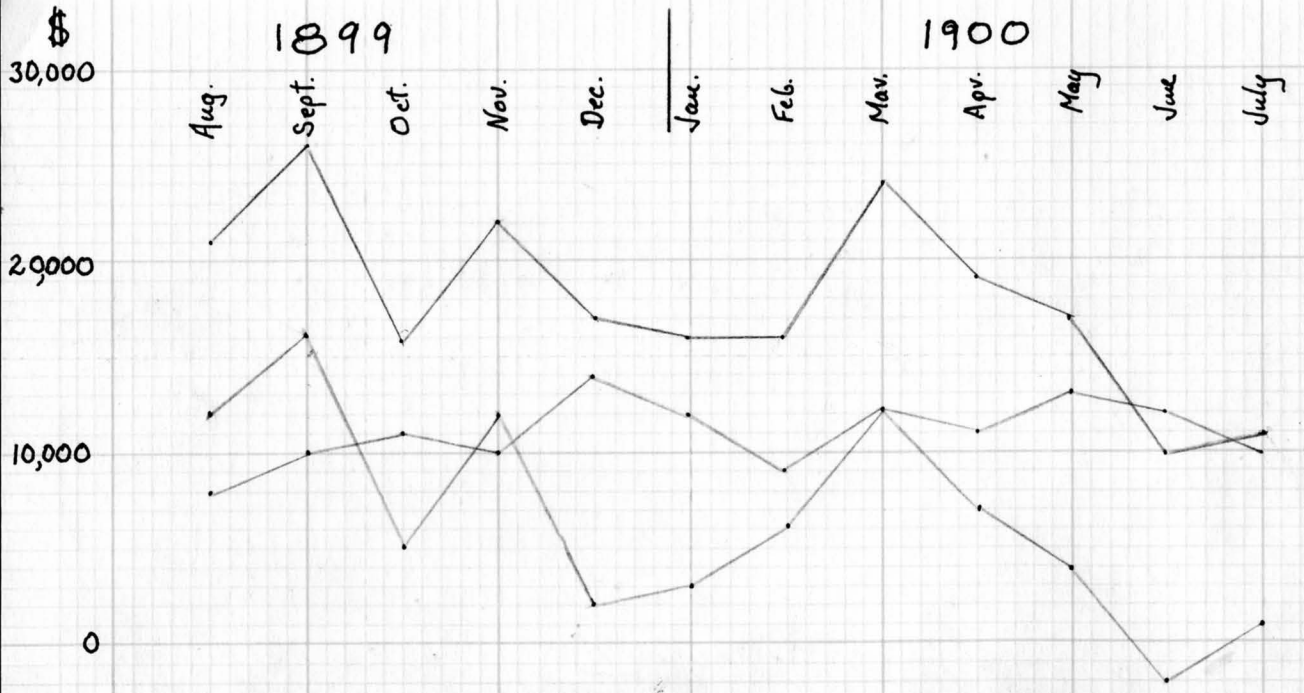
DISTRICT: Is 7 miles northwest from shipping point, Whitney, on the Sumpter Valley Railway. Located in 1877 and consists of ~~640~~ 1209 acres of patented mining and timber claims, recorded in Baker county. Located in a high mountain area; country rock is argillite and schist; hanging walls of slate; argillite foot; vein strata bearing north and south; width 5 feet to 50 feet, length 6000 feet. Mineral is gold and assays at \$16. Has a past production of \$3,000,000. Water is ample; power steam is developed at the mine; timber on the ground. Equipped with 40-stamp mill capacity ~~400~~ tons per day, compressor, power drills, and a complete plant. Developed by 10 miles of tunnels and ~~800~~ feet of shafts. Actively operated from 1892 until 1904. Since that time has been mostly idle. Owners are the Westinghouse Corporation, Pittsburgh, Pa. Report made by Albert Geiser. (Prescott---6/1/37).

BONANZA: Geiser District, Greenhorn Area, Baker County

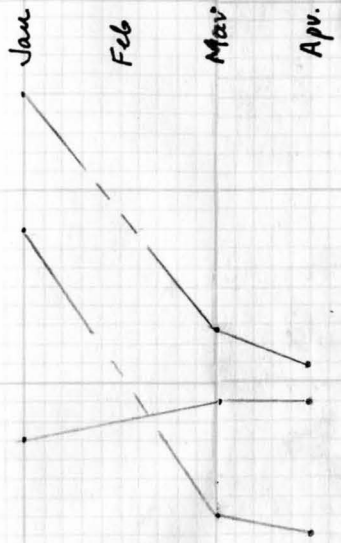
Development: 3 tunnels, shaft 1,200 ft. deep; total about 18,000 ft.

Relationships: Vein in argillite and greenstone near serpentine contact. Strike N. 55° W., dip 80° SW. Quartz, calcite, pyrite, arsenopyrite.

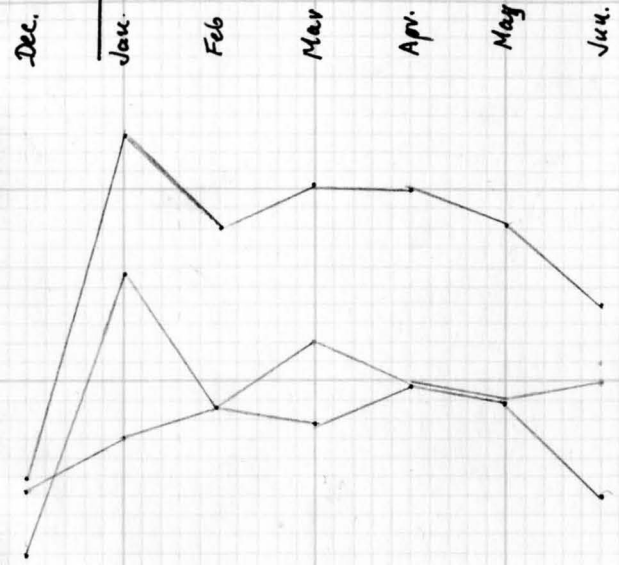
Milling & Production: Meager record of milling. Ratio of gangue of sulfides, 20:1 to 25:1. Free gold, 70 per cent. Fineness of bullion 750:240. Production estimated at \$1,000,000. (Hewett, 31; 21)



1902



1903



Record of the
BONANZA CONSOLIDATED
 Greenhorn District
 Baker County
 Oregon

PRODUCTION

EXPENSE

PROFIT

Compiled from
 records by J.E.A.
 6-24-39