

Cliff Mine Quartz

Virtue District Baker County

Owners: Milo and Henry Newton, Baker, Oregon

Location: 1 miles north of Flagstaff about 5 miles NE of Baker.

Area: 1 claim at present.

History: Originally owned by John Bradbury. Developed originally as gold prospect. Tungsten noted in the ore in 1916. Property was leased to F. S. Bailee in 1916 who ^{then} leased the property to W. E. King who opened and sampled lower workings. Workings are in very poor shape at present and practically inaccessible.

No equipment: Buildings torn down and moved away.

Geology: County rock is altered diorites capped with Columbia River basalt. Vein where seen on surface consists of brecciated quartz with oxidized vein filling cemented somewhat with calcite. Elevation around 3600'. Accessible all year around. Power within a mile. No timer. Small amount of water to be pumped when mine is in operation.

Development: 225' shaft almost vertical, 40' level drift 285' north with ^{South} 60' raise to the surface at 125' from shaft. 100' level 140' with 25' up raise; 150' level with caved drift south unknown distance. At 200' level 25' ^{drift} north.

Metallurgy: Free milling ore. 135 tons mine run said to have been milled in old Virtue mill. Reported to have neted \$13.55 per ton. One sample taken by informant in 12' shaft ^{and} 4 prospect holes from top of hill ~~ran~~ assay of \$5.50. Tungsten reported but no definite knowledge obtainable. Vein on surface is 3' wide and reported to extend to bottom of shaft.

Informant: A. V. Quine
No date.

T. H. [unclear]

QUARTZ PROPERTY

1. Name of property Cliff Mine
Operating company (or individual) Not operating. Milo and Henry Newton, owners.
Address Baker
Location of property Virtue District. 1 mile north of Flagstaff about 5 miles NE
Acreage of holdings of Baker.
1 claim at present.
2. History of property, past and recent: Originally owned by John Bradbury. Developed originally as gold prospect. Tungsten noted in 1916. Property leased to F. S. Bailee in 1916 who later turned to W. E. King who opened and sampled lower workings. Workings are in very poor shape at present and practically inaccessible.
3. History of production:
None of record.
4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:
225' shaft (almost vertical--vein shift only 6' in 225') 40' level 285' north with 60' raise to surface at 125'; 100' level 140' south with short (25') up raise; (below)
5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.
150' level caved drift south unknown distance. At 200' level 25' drift north.

No equipment. Buildings torn down and moved away. Country rock is altered diorites capped with Columbia River basalt. Vein where seen on surface consists of brecciated quartz with oxidized vein filling cemented somewhat with calcite. Elevation around 3600'. Accessible all year around. Power within a mile. No timber. Shaft reported to make some water but quantity unknown.

6. Geology - General and local. Ore geology - type of deposit, i.e., vein, mineralized zone, bed; contact relations, attitude and orientation, vein minerals, gangue, type of mineralization, alteration, enrichment, etc.
Brecciated vein material at surface. Underground inaccessible. Traces of pyrite but mainly free milling. Tungsten reported but no definite knowledge obtainable. Vein on surface is 3' wide. Reported to extend same to bottom.

7. Metallurgy - nature of ore, hard or soft, free-milling, base, direct shipping, etc. Kind of mill and equipment in use or planned, current daily tonnage of ore or concentrates, approximate value, freight rates to smelter, etc.

Free milling ore. 135 tons mine run alleged to have been milled in old Virtue mill reported to have netted \$13.55/ton. One sample I took of vein in 12' shaft 4 prospect holes from top of hill ran 0.16 oz. Au/ton.

8. Remarks - economics: High or low cost, principal drawbacks, reasons for success or failure, apparent life of operation based on apparent quantity of ore available.

Albert V. Quine
Albert V. Quine, Mining Geologist

SW

*Unalut
Bengal & Switzer Claim*

Jungsten

Cliff Mine

Gold ~~Pangloss~~
PRINCIPAL ORE

MINOR MINERALS

NAME OLD NAMES

1 mi. N of Flagstaff Mine

~~8S~~ ~~41E~~ ~~Sec. 32~~
T R S

PUBLISHED REFERENCES

Lindgren 01:725
Parks & Swartley 16:56
Gilluly, Reed & Parks 33:77
Gilluly 37:98
Ore. Metal Mines Handbook 14A pg-104

MISCELLANEOUS RECORDS

Baker..... COUNTY

Virtue..... AREA

about 4000..... ELEVATION

ROAD OR HIGHWAY

5 1/2 mi. Baker..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) Milo & Henry Newton.....

Address Baker, Ore.....

OPERATOR

Name of claims Area Pat. Unpat.

1 claim

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

DEPARTMENT RECORDS on file in

RECORDS AND ASSAY RECORDS

1-1-1944 G.P. Baker

1

REPORTS

Statement of the Cliff + Annalulu Mines - John F. Seland

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~~Clipping Arizona Mining Journal, July 11, 1942~~

~~x~~

SHIPMENT AND ASSAY RECORDS

~~Shipment~~

MAPS

Bengal + Provider Section + Claims ^{referred:} *D.W.E.*

x

Bengal + Provida
NAME

see Cliff
OLD NAMES

Gold ~~Fluorapatite~~
PRINCIPAL ORE

Kingston
MINOR MINERALS

4/46

85
T

41E
R

32
S

PUBLISHED REFERENCES

Baker..... COUNTY

Vista..... AREA

about 400..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) *Milo + Henry Newton*.....

Address *Baker, Oregon*.....

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

Provider Mine See Cliff

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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8 S	41 E	32
T	R	S

PUBLISHED REFERENCES

.....Baker..... COUNTY

.....Virtue..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

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

Annalulu Mine
NAME

see Cliff Mine
OLD NAMES

Tdd
PRINCIPAL ORE

6/46
Truysten
MINOR MINERALS

85 4E 32
T R S

PUBLISHED REFERENCES

..... *Baker* COUNTY
..... *Vinton* AREA
..... *about 4000* ELEVATION
..... ROAD OR HIGHWAY
..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) *Mels + Henry Newton*

Address *Baker, Oregon*

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

THE BENGAL AND PROVIDER CLAIMS.

VIRTUE DISTRICT:

Located ~~Are~~ 17 miles from shipping point, Baker, Oregon, ~~on the~~
~~Union Pacific and Old Oregon Trail.~~ Consists of 2 lode claims, first
located about 30 years ago, recorded in Baker county. Located in a
hilly country; the country rock is porphyry and granite; vein ~~strata~~
bearing north and south; 3 feet wide. Mineral is gold and scheelite
assays at \$35. Claims are now idle. There are 1000 feet of tunnels.
Owners are ~~Milo Wuton and Aline Williams, Baker, Oregon.~~ (Prescott-6/1)