

4/27/38

QUARTZ PROPERTY

1. Name of property Tom Paine-Old Soldier Group (Formerly Yellowstone Mining Co.)  
Operating company (or individual) L. G. Lilley and C. Kirkpatrick  
Address Baker  
Location of property McCord Gulch--Sec. 7, T9S, R34E, Pocohantas District (Baker).  
Acreage of holdings 4 claims: one on Tom Paine and three on Old Soldier. Latter three leased from Marble Creek Mining Co.
2. History of property, past and recent: First filed on by Mr. Hayes in 1887-88. 150' tunnel driven on Tom Paine--\$35,800. Sold to a Mr. Hackett in 1894-95. Resold to Yellowstone Mining Co. in 1909 who worked it until 1917. No ore mined. Present activity confined to driving a crosscut (in 700') in hopes of hitting blind lead. Old workings caved.
3. History of production: \$35,800 taken out of Bonanza stope. Mr. Pat Powers took out \$600 placering dump.
4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:  
Tom Paine: 600-700' tunnel. 80' winze near portal (Bonanza Stope). 60' shaft connecting tunnel. Old Soldier: Main adit level in creek bottom in 600'. Next adit level about 60'
5. General description and equipment on hand, topography, country rocks, elevation, (below) timber, water, snow fall, climate, power, etc.  
above driven in 500'. All workings at present blocked at portals.

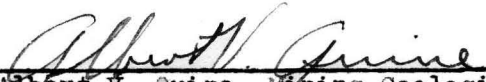
No equipment. Singlejack operation in crosscut which seems to start nowhere and evidently heading for the same place. The 700' of cross cut is winding and turns finally at right angles to course and is now cutting a hard, dense, fine-grained, dark, siliceous rock resembling diorite. Formation indefinite. Surface entirely covered with soil and timber.

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.  
Tom Paine and Old Soldier veins are in slate and bluish-black limestone. The Old Soldier vein was not exposed at any point. The Tom Paine vein where exposed in one place was 18" wide and consisted of a brecciated quartz with calcite filling and very crumbly. Assayed: Au. Tr. Ag. Tr. The two veins are approximately parallel (S20°E) about 600' apart. The Tom Paine dips 45° to 60° W. The Old Soldier reported as 30° Westerly. There is a chance for intersection but survey is required. Reported survey indicated that a winze sunk 280' (information from Pat Powers, Medical Springs) would cut the intersection. Apparently where vein was wide, values dropped and vice versa.
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.

No production and no possibilities from present work, at least for some time to come.

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.

Present operation is hit or miss with no idea of exactly where they are headed. A survey is needed which I promised to help them out with later in the Spring. I believe they should find a definite outcrop of their ultimate goal before driving blindly into the hill.

  
Albert V. Quine, Mining Geologist

*Baker Dist  
Pocohantas Dist*

Tom Paine—Old Soldier Group. quartz Baker County  
Old name: Yellowstone Mining Co. and Marble Creek Mining Co.  
Owners: *Mrs F.C. Robinson Walla Walla Wash*  
Operators: L. G. Lilley and C. Kirkpatrick, Baker, Oregon

Location: McCord Gulch—Sec. 7, T9S, R34E. Pocohantas District (Baker)

Area: 4 claims: one on Tom Paine property and three on Old Soldier. The latter leased from Marble Creek Mining Co.

History: First filed on by Hayes in 1887-88. A 150' tunnel driven on Tom Paine with production of \$35,800. Then sold to Hackett in 1894-95 Resold to Yellowstone Mining Co. in 1909 who developed it until 1917. No ore mined. Present activity confined to driving a crosscut now in 700' in hopes of hitting blind lead. Old workings caved. In addition to the \$35,800 taken out of the Bonanza Stope Pat Powers took out \$600 placer mining the dump.

Equipment: No equipment. Work is hand mined and crosscut.

Geology: Tom Paine and Old Soldier veins are in slate and bluish-black limestone. The Old Soldier was not exposed at any point. The Tom Paine vein where exposed in one place was 18" wide and consisted of brecciated quartz with calcite filling and very crumbly. Assayed only a little in gold and silver. The two veins are approximately parallel (S20°E) about 600' apart. The Tom Paine dips S60° to 60°W The Old Soldier vein reported as 30° Westerly. There is a chance for intersection but survey is required. Reported survey indicates that the winze sunk 280' would cut the intersection. Apparently where vein was wide, values dropped and where narrow, values increased. *Old Soldier;*

*Connecting tunnels*  
Development: Tom Paine: 600-700' tunnel. 80' winze near portal in Bonanza Stope. 60' shaft ~~connected~~ Old Soldier. Main adit level in creek bottom in 600'. Next level about 60' above driven in 500'. All workings at present blocked at portals. *below*

Recommendations: Recommend that survey be made and that a search should be made for a definite outcrop previous to driving blindly into the hill.

Informant: A. V. Quine  
4/27/38

Tom Paine Mine

Claimants:

Jack Vaughan - Trotter - 7/10 Int.  
Robinson - 3/10 Int.

Marble Creek Mine:

Claimants:

Cavin

Robinson

Kirkpatrick

STATE GOVERNING BOARD  
W. H. STRAYER, CHAIRMAN, BAKER  
ALBERT BURCH . . . . . MEDFORD  
E. B. MACNAUGHTON . . . . . PORTLAND

EARL K. NIXON  
DIRECTOR



*Tom Paine*

STATE DEPARTMENT OF GEOLOGY AND  
MINERAL INDUSTRIES

704 LEWIS BUILDING  
PORTLAND, OREGON  
February 11, 1938

Mr. A. V. Quine  
State Assay Laboratory  
Baker, Oregon

Dear Mr. Quine:

Enclosed is copy of a letter addressed to me by Hugh Martin,  
an old friend and neighbor of ours.

It seems as though Dr. Robinson of Walla Walla held interests  
in the Marble Creek Mine and the Tom Paine Mine in the same  
vicinity and that he had an offer to purchase his interest  
for a few thousand dollars--the purchase to be under terms  
not stated.

Mr. Martin is anxious to do as much as possible for his  
sister-in-law and would appreciate your looking over these  
two properties and giving an opinion upon them--as to whether  
they are worth much of anything. If worth something, would  
\$5,000 be a proper price, or are they worth more? It is  
probably that there is too much snow to inspect these prop-  
erties at this time, if so, then when they can be examined  
properly.

With kindest personal regards, I am

Very truly yours,

A. M. Swartley  
Consulting Mining Engineer

AMS:vm  
Encl.

**RECEIVED**  
FEB 12 1938  
STATE ASSAY LABORATORY  
BAKER, OREGON

COPY

COPY

HUGH MARTIN GRAIN CO.  
604 Lewis Bldg.  
Portland, Oregon

February 10th, 1938

Mr. Arthur Swartley  
State Dept. of Geology and Mineral Industries  
Lewis Building  
Portland, Oregon

Dear Mr. Swartley:--

I am writing in behalf of my sister-in-law, Mrs. F. C. Robinson of Walla Walla, Wash., who is trying to settle the estate of her late husband, Dr. F. C. Robinson, who owned interest in mining claims in the state of Oregon as follows:

Two-thirds interest in the Marble Creek Mine near Baker, Oregon.

Three-tenths interest in the Tom Paine Mine in the same vicinity. If you could give us some idea as to the value of this property it would be greatly appreciated, either from the standpoint of leasing on an operating basis or sale of the interests mentioned.

It is my understanding that a Mr. James Cavin has some interest in the Marble Creek property and Messrs. Kirkpatrick and Lilly have interests in the Tom Paine property.

This information may be of some assistance to you in locating the properties in question as no doubt these men are well known in the Baker country.

Thanking you for any information you may be able to give.

Very truly,

Hugh Martin Grain Co.

By (Signed) H. A. MARTIN

COPY

RECEIVED  
FEB 12 1938  
STATE ASSAY LABORATORY  
BAKER, OREGON

Baker, Oregon  
April 30, 1938

Mr. A. M. Swartley  
Dep't of Geology & Mineral Industries  
704 Lewis Building  
Portland, Oregon

Dear Mr. Swartley:

On February 11 you wrote to me concerning the Tom Paine and Marble Creek Mines in Baker County and asked me to check these properties for your friend Mr. Hugh Martin of Portland.

In response to your request for information for Dr. Robinson of Walla Walla, I have checked the property and find that all of the workings are completely caved and are inaccessible at the present time. No surface outcrops are exposed except in one place in the Tom Paine vein, and I sampled this as a type exposure of the Tom Paine vein. It is a crushed calcite-quartz mixture and runs only a trace in gold. A grab sample from some reputed ore on the dump outside of the Tom Paine portal ran .73 in gold.

The present operators are driving a cross-cut in a hard dense silicified diorite or gabbro material. The cross-cut has been driven in the same manner as one would consult an ouija board--it wanders all over the country here and there and finally makes a direct right angle turn across this hard siliceous material. Their object is to cut a blind lead which no one knows anything about except some float that has been found and is alleged to run from \$100.00 to \$150.00 in gold and silver.

In consideration of all this, I would say that if the Dr. Robinson estate could secure \$5,000.00, as they suggest, that they take it. I do not see much hope for the mine. I am sending the regular report on to the head office, and I hope that you will look at it when it arrives.

With kindest personal regards, I am

Very truly yours

Albert V. Quine  
Mining Geologist

AVQ/bh

## Hugh Martin Grain Co.

PHONES OFFICE BROADWAY 4606 RES. GARFIELD 3585

604 LEWIS BUILDING  
PORTLAND, OREGON

Feb 10th 1938

Mr Arthur Swartley  
State Dept of Geology & Mineral Industries  
Lewis Bldg, Portland Ore.

Dear Mr Swartley:-

I am writing in behalf of my sister-in-law Mrs F.C.Robinson of Walla Walla Wash. who is trying to settle the estate of her late husband Dr F.C.Robinson, who owned interest in mining claims in the state of Ore. as follows:-

Two thirds interest in the Marble Creek Mine near Baker Ore.

Three tenths interest in the Tom Paine Mine in the same vicinity.

If you could give us some idea as to the value of this property it would be greatly appreciated, either from the standpoint of leasing on an operating basis or sale of the interests mentioned.

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Very truly

Hugh Martin Grain Co.

By *H. A. Martin*

STATE GOVERNING BOARD  
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ALBERT BURCH . . . MEDFORD  
E. B. MACNAUGHTON . . . PORTLAND

EARL K. NIXON  
DIRECTOR  
ARTHUR M. SWARTLEY  
CONSULTING MINING ENGINEER  
RAY C. TREASHER  
GEOLOGIST



STATE ASSAY LABORATORIES  
802 E. H ST., GRANTS PASS  
J. E. MORRISON  
MINING GEOLOGIST  
ALBERT A. LEWIS  
ANALYST

2102 COURT ST., BAKER  
ALBERT V. QUINE  
MINING GEOLOGIST  
LESLIE L. MOTZ  
ANALYST

STATE DEPARTMENT OF GEOLOGY AND  
MINERAL INDUSTRIES

704 LEWIS BUILDING  
PORTLAND, OREGON

RECEIVED  
MAY 1 1938

STATE DEPT OF GEOLOGY  
& MINERAL INDS.

Baker, Oregon  
April 30, 1938

Mr. A. M. Swartley  
Dep't of Geology & Mineral Industries  
704 Lewis Building  
Portland, Oregon

Dear Mr. Swartley:

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The present operators are driving a cross-cut in a hard dense silicified diorite or gabbro material. The cross-cut has been driven in the same manner as one would consult an ouija board--it wanders all over the country here and there and finally makes a direct right angle turn across this hard siliceous material. Their object is to cut a blind lead which no one knows anything about except some float that has been found and is alleged to run from \$100.00 to \$150.00 in gold and silver.

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With kindest personal regards, I am

Very truly yours

Albert V. Quine  
Mining Geologist

AVQ/bh



Pocahontas Mining & Milling Co.  
 Yellowstone Mining Co.  
 Marble Creek Mining Co.

Tom Paine- Old Soldier Group

Gold

NAME			OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
T9S	R39E	Sec.7		<u>PUBLISHED REFERENCES</u>	
T	R	S		<u>MISCELLANEOUS RECORDS</u>	
.....	Baker	.....	COUNTY	Oregon Metal Mines Handbook - 14A pg.16	
.....	Baker	.....	AREA	Lindgren 01:651	
.....		.....	ELEVATION	Gilluly, Reed & Parks 33:81	
.....		.....	ROAD OR HIGHWAY	Gilluly 37:101	
.....	About 12 mi. Baker	.....	DISTANCE TO SHIPPING POINT	Parks & Swartley 16:240	
PRESENT LEGAL OWNER (S) .....			Mrs. F. C. Robinson	Address .. Walla Walla, Wn. ....	
OPERATOR .....					
Name of claims			Area	Pat.	Unpat.
7 claims					
EQUIPMENT ON PROPERTY					

DEPARTMENTAL RECORDS on file in

MINERAL AND VEGETAL RECORDS

Tom Paine Tunnel No. 4 (Open)  
 See also 2nd floor creek 1898  
 Gilluly map of 1901  
 Tom Paine Tunnel 1898  
 (in Gold Oref. Tunnel No. 4 (Open))

B. T. G. O.P.

REPORTS

Tom Payne Mine Short Rept. By Priest 6/1/37 X

SHIPMENT AND ASSAY RECORDS

MAPS

Tunnel- #4 (plan) X

See also Salmon Creek Maps X

Claim map by John Hagel X

Tom Payne Tunnel 1898 X

(in McCord Gulch) Tunnel No. 4 (plan) X

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

9 S

39 E

7

T

R

S

PUBLISHED REFERENCES

Baker

COUNTY

Baker

AREA

ELEVATION

ROAD OR HIGHWAY

DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) .....

Address .....

OPERATOR .....

Name of claims                      Area    Pat.    Unpat.

Name of claims                      Area    Pat.    Unpat.

EQUIPMENT ON PROPERTY

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

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PUBLISHED REFERENCES

MISCELLANEOUS RECORDS

Baker ..... COUNTY

Baker ..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) .....  
.....  
.....  
.....

Address .....  
.....  
.....  
.....  
.....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

Marble Creek Mining Co. See also Tom Paine - Old soldier group Gold

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

12 mi. west of Baker

T R S

Baker COUNTY
Baker AREA
high ELEVATION
ROAD OR HIGHWAY
12 mi. Baker DISTANCE TO SHIPPING POINT

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14A pg 16
Gilluly, Reed & Parks 33:82
Gilluly 37:102

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) James Gavin
Mrs. F.C. Robinson

Address Baker, Oregon
Walla Walla, Wn.

OPERATOR

Table with 4 columns: Name of claims, Area, Pat., Unpat.
9 acres, 2 fractions, 1 claim

Table with 4 columns: Name of claims, Area, Pat., Unpat.

EQUIPMENT ON PROPERTY

DEPARTMENT OF RECORDS OR 119 IN

INTERNAL AND EXTERNAL RECORDS

Bldg O.S. Baker

## YELLOWSTONE MINE

BALD MT. -

ELKHORN R.

~~S.E. ELKHORN~~

~~RIDGE VEINS~~

~~PLACERS~~

BAKER

The Yellowstone Mining company, of McCord gulch, is in slate and black limestone cut by many kinds of dikes. The two principal veins upon this property are the Old Soldier and Tom Paine. The former is 3 feet in width and is developed by 2 tunnels, one of which is about 60 feet and the other some 600 feet long. The Tom Paine vein varies in width from a few inches to several feet.

Along Washington gulch there are many prospects, but for the most part the veins are small and the mineralization and shattering are but slight.

MARBLE CREEK MINING CO.

BAKER DISTRICT:

Is 12 miles west of shipping point, Baker, on the Union Pacific and Old Oregon Trail. Consists of 9 acres patented, 2 fractions and one unpatented claim, recorded in Baker county. Located in a high mountain area; country rock is porphyry; vein strata bearing northwest and southeast; width 3 feet to 10 feet, length 2000 feet. Water is scarce; timber on claim. Mineral is gold, assays at \$8 per ton. Developed by 400 feet of tunnels. Owner is James Cavin, Baker, Oregon. (Prescott--6/1/37).

Mr. F. G. Robinson and Mr. Patrick

## THE TOM PAINE MINE

### BAKER DISTRICT:

Is in McCord gulch, 11 miles west from Baker. Located in 1884 and consists of 5 lode claims (2 patented) recorded in Baker county. Located in a high mountain area; country rock is argillite hanging walls and limestone foot. There are two veins, bearing northwest and southeast; width from several inches to 3 feet. Mineral is gold, assays at \$24, and has a past production of \$70,000. Water is scarce; timber on claims. Was equipped with small mill cars, track and tools, but all have been taken away and the mine is now idle. Owned by the Yellow Stone Mining Company, but was sold for taxes. (Prescott---6/1/37).