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POOR QUALITY

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1 Gen'l Nos. 575

Lot No. 37 A. & B

Copper Mountain lode &
mill site ^{Gen. Nos.} 578

Lot No. 39 38

Arizona Central G. No. 4

Lot No. 40 39

Montezuma 7

Lot No. 41 40

Yankie 6

Gen. No. 528

8

Lot 37 A + B Copper Mountain Lumber Co.
Arizona Central G-4
Montezuma No. 7
Yankie No. 6

Lot M.S. 528 ¹² 2

Lot No 37. A. (5)

Field notes of the Survey of the
Copper Mountain Mining Claim
located in Copper Mountain Mining
District Yavapai County Territory
of Arizona Surveyed by Miles J. J. J.
U.S. Deputy Surveyor by direction of
the Surveyor General for Arizona
upon request of E. W. Pease proprietor
of the claim

Survey Commenced Nov 9th 1872

Survey Complete Nov 9th 1872

Arizona Central - Montezuma,
+ Yankie

A.

P1-5

Preliminary Oaths of Assistants.

I, _____ do solemnly swear that I will well and truly perform the duties of Compassman, according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of

1817

U. S. Deputy Surveyor.

We, John W Read _____ and

E. N. Poter _____

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon unever

ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines, that we will assist in measuring, to the best of our skill and ability.

John W. Rouse
E. H. Patee

Subscribed and sworn to before me, this 9th day
November 1872

Wm. J. Joy
U. S. Deputy Surveyor

near its center
is a monument of stone, 3 feet high
on a side hill sloping Eastwardly,

I, E. M. Pearce

do solemnly swear that I will well and truly perform the duties of *Assessor* according to instructions given me, and to the best of my skill and ability.

E. M. Pearce

Subscribed and sworn the be before me, this 9th of November 1872

Wm. J. J. J.

U. S. Deputy Surveyor.

E. H. Poter

do solemnly swear that we will faithfully execute of Chain Carriers; that we will level the chain upon unever

Survey of Copper Mountain Mining Claim
 Located in Copper Mountain Mining District
 Yavapai County Arizona Territory

Chain Beginning at the S. E. corner at a
 monument of stone, on the S. E. side
 of Copper Cañon from which mon-
 ument a cedar tree blazed, 15 in diam-
 eter N. 30° W. 30 links dist. I run
 N 42° E

Var 15° East by

(Observation of Polaris)

0. 30 An Indian trail runs nearly E & W.
 9 08 In a monument of stone, 3 feet high on
 a side hill
 Run N 48° W.

Var 15° East

Running parallel with the rocks
 and 300 feet from its center

22. 72 In a monument of stone, 3 feet high
 on a side hill sloping Eastwardly,

Survey of Copper Mountain Claims Continued

This corner being about 700 feet
above the S. E. corner of the claim
Summ

S, 42° W

Var 15° E

9.08. To a monument of stone on the same
side hill and at about the same
Elevation as the last cor. Summ
S 48° E

Var. 15° East

Boundery

22.42 Indian trail was nearly E & W.

22.72 In place of beginning

This above line ends in an
area of 20 ⁶/₁₀ Acres

General Description

This vein covers but one
run or lode the character

Survey of Copper Mountain Claim Continued

of which is rich bearing Copper ore and is from 30 to 50 feet in width and easily to be traced on the surface. The Elevation of the Claim I estimate to be about 1500 feet above the level of the valley of Chasis Creek. I subsequently run a line from the S.E. Corner of this Claim to the mouth of Chasis Creek for the purpose of more accurately establishing the locus of the Claim, and also for the purpose of showing its connection with the Mill Site over the same line. The field notes of this line are to be found connected with those of the Survey of the Mill site Claim and connected with the Copper Mountain Mining Claim.

The Character of

Survey of Copper Mountain Claim Continued

The soil on this claim is rocky and barren, the surface rough and uneven

There have been five hundred dollars expended on this claim in work on an open cut and tunnel 70 feet in length; a cross cut 5 feet deep and 35 feet across the vein; a shaft 9 feet deep, and one six feet deep also several smaller ones to determine the course of the lode

Wm. Joy
 W.S. Deputy Surveyor or

⑧

Lot No. 37. B.

Field notes of the Survey of
 Mill-Site Claimed in Connection
 with Copper Mountain Mining
 Claim, located in Copper Mountain
 Mining District Yavapai County Arizona.
 Together with Field Notes of Survey
 of line extended to more clearly
 establish the locus of Copper
 Mountain Mining Claim and
 Mill-Site connected therewith
 Survey executed by Miles Joy
 U.S. Deputy Surveyor Surveyed by
 direction of the Surveyor General
 for Arizona upon request of E.
 W. Pearce Proprietor of the
 Claim

Survey Commenced Nov 12th 1872

Survey Completed Nov 13th 1872

Survey of Mill-Site Committee with
and Claimed by E. W. Pearce proprietor
of Copper Mountain Mining Claim
located in Chavapai County Territory of Arizona

Chains Beginning at the N.W. Corner of
mill site at a post

I run thence

S. 57° W.

Var 15° East

5.00 To a ~~post~~ observation of Polaris

10.00 Chain to a post on the East
bank of the Francisco River.

Thence

S. 33° E

Var 15° East

5.00 Chain to a post Thence

N 57° E

Var 15° East

10.00 to a post Thence

N. 33° W.

Var 15° East

Survey of Mill Site. Continued

Chains

5.00 to place of beginning

The above being Enclosed an
Area of 5 Acres

This claim contains no mineral
It is situated near the north
end of a flat bottom land which
contains about eighty acres.

The soil is of first class and
has evidently been cultivated
by some early race of natives.

Nearly the whole tract is elevated
above high water which it may
at the same time be irrigated
with the water of the Transier
river. The claim contains
fine site for water power. It
is not contiguous to the river.

Survey of Mill site Continued
or Lode of the Copper Mountain
Mining Claim

Wm. S. Joy
U.S. Deputy Surveyor

Survey of a Line run from
 Copper Mountain Mining Claim
 to the Confluence of Chase's Creek
 and the Francisco river and thence
 to Mill-Site for the purpose of
 more clearly establishing the locus
 of Copper Mountain, & Mill Site
 Claims

Chains Beginning at the S. E. corner
 of Copper Mountain Mining
 Claim & run

N. $50^{\circ}30' E$

Var 15° East

(as per ... boundary of claim)

2.72 down Copper Cañon

Thence

S $73^{\circ}30' E$.

Var 15° East

Survey Line continued

Chains

4.40 down ~~the~~ an Indian trail ^{thence}
S 80° E.

Var 15° East

1.30

thence

S 85° E

Variation 15° East

104.00 To mouth of Canon thence
N. 56° E

Var 15° East

8.00 Onto a ridge thence
N. 42° E

Var 15° East

9.00 To top of ridge which forms the
South Side Chase's Creek

thence

N. 64° E

Var 15° East

20.00 Down side of hill thence
S 75° E.

Var 15° East

Survey Line... Continued.

Chains		
14 00	Along the slope	Thru
	N. 64° 30' E	
	Var 15° East	
9 00	down to Chasis Creek bottom	Thru
	S 32° 30' E	
	Var 15° East	
45.00	down the Creek	Thru
	S 30° E	
	Var 15° East	
28 00	..	Thru
	S 47° E	
	Var 15° East	
52.00		Thru
52.00	N. 59° E	
	Var 15° E	Thru
67.40	To the E end of a ledge of rock 30 feet high which stands alone in the valley of Chasis Creek 2 1/2 chains from its mouth at the Francisco River	Thru

Survey Line Continued

Chain

Thru

S. 37° E

Var 13° East

14.68

down the Francisco river

Thru

S 57 E

Var 15° East

8.00

South

Thru

Var 15° East

7.40

To the bank of Francisco river

Thru

South

Var 15° East

1.00

across the Francisco river & a Cottonwood
8 in diameter on Montezuma flat

Thru

South

Var 13° East

8.00

on Montezuma flat

Thru

S. 42° E

Var 15° East

8.45

To N. W. Cor of Mill-Site

Survey Line Continued

Description

The general course of Chasis
Creek may be considered S. E
It joins the Francisco about 12
or 15 miles above the confluence
of the latter with the Gila river

No stream empties into the
Francisco from either side below
the mouth of Chasis Creek

Miles Long

W. S. Lepp Surveyor

Survey Commenced Nov 4. 1872

Survey Completed Nov 12th 1872

* And from the above courses
and distances, I calculate the
following:
From the S. E. cor of Copper
Mountain Mining Claims, -

Survey Line Continued

the E. end of a ledge of rock
30 feet high, standing alone in
the valley of Chasco's Creek, $2\frac{1}{2}$
chains from the confluence of
said creek with the Fran-
cisco's river, - bears S. $74^{\circ}30'E.$
318.64 chains dist.

From the N.W. cor. of the said
Mill-Site of Copper Mountain
Mining Claim, - the E. end
of said ledge of rock bears
N. $28^{\circ}39'N.$ 44.10 chs dist.

From the N.W. cor. of the said
Mill Site, - the S.E. cor. of the
said Copper Mountain Mining
Claim bears N. $69^{\circ}40'N.$ 350.79
chs dist.

Wm. Joy
U.S. Dep. Surveyor

Lat No 39. 38 plat 20 (4)

Field Notes of the Survey of the
Arizona Central Mining Claim
located in Copper Mountain Mining
District Yavapai County Arizona
Territory Survey executed by Miles
Joy U.S. Dep. Surveyor By direction of
Surveyor General for Arizona upon
application of E. M. Pearce proprietor
of the Claim

Survey Commenced Nov 9th 1872

Survey Completed Nov 9th 1872

Survey of Arizona Central Mining
Claim located in Copper Mountain Mining
District Yavapai County Arizona Territory

Chains Beginning at a monument of
stone 3 feet high at the N. E. corner
of claim from which monument
the N. W. corner of Copper Mountain
Mining Claim bears $S 70^{\circ} E 6$ Chms
40 links dist. I run
 $N 82^{\circ} 30' W.$

Var 15° East

(As per observation of Polaris)

9 08 To a monument of stone 3 feet
high built near the top of a high
ledge of rock I run
 $S. 7^{\circ} 30' W.$

Var 15° East

22.72 down a side hill to a corner
monument of stone 3 feet high

I run

Arizona Central Continued

Chain

Mum

S. 82° 30' E

Var 15° East

9. 08 In a hollow to a monument of
stone 3 feet high

Mum

N. 7° 30' E

Var 15° East

22, 72 To place of beginning

In above line, enclose
an area of 20 6/10 acres

General Description

This claim contains from
surface indications but no vein
or lode and this one is of a
rich deposit of green copper

Arizona Central Continued

ore examination from the vein
to be about 8 feet wide. It is
totally well defined and
the N. & S. lines of the claim are
run as nearly parallel with
the lode as possible.

The North end of the claim
is elevated about 800 or 900 feet
above the South end. I have
paid two five hundred dollar
expenses on this claim in
staking and cross cutting
on the lode. The character of
the soil on this claim is rocky &
barren & the surface rough and
uneven.

Wm. J. Joy

U.S. Dep't Surveyor

Lot No. #0 39 plat

(7)

Field Notes of the Survey of
 the Montezuma Mining Claim
 located in Copper Mountain Mining
 District Yavapai County Arizona
 Territory Survey executed by Miles
 Loy U.S. Dep Surveyor by direction of the
 Surveyor General for Arizona upon
 application of E.M. Pearson Claimant

Survey Commenced Nov 18th 1872

Survey Completed Nov 18th 1872

Survey of the Montezuma Mining
Claim Located in Copper Mountain
Mining district, Yavapai County
Arizona Territory

Claim Beginning at a point from
 which the N.W. Corner of
 Copper Mountain Mining Claim
 bears S. 45° W. 14, 17 Chas dist
 I run

N. 30° W.

Var 15° East

(By observation of Polaris)

4. 54 Is a monument of stone 3 feet
 high from which a pine tree
 10 in diam bears N. 21° W. 30 links
 distant Turner

N. 60° E.

Var 15° East

22. 72 Is a monument of stone built
 around a Cedar post

Montezuma Continuum

Chain Eight feet high Museum

~~9.08~~ S. 30° E

Var 15° East

9.08 Is a monument of stone built
in the forks of a Cedar tree

Museum

S. 60° W

Var 15° East

22.72 Is a monument of stone from
which a scrubby Cedar bears

N. 29° W. 130 links distant Museum

N. 30° W

Var 15° East

4.54 Is plan of Rejining

The above lines Enclose an
area of 20 6/10 Acres

General description

Montezuma Continued

The Montezuma Mining Claim lies between along a side hill sloping gently to the northward. The north line being somewhat lower in Elevation than the south line. There is but one lode on the claim from all indications and it runs parallel with the east and west lines as nearly as could be determined and is composed of a rich mass of blue copper ore and is apparently from 100 to 150 feet wide. The whole surface of the ground is more or less covered with float copper ore.

The soil is rocky and barren. The

Montgomery Continued

Surface rough & uneven

There has been five
hundred dollars expended
in shafting and cross cutting
on this vein.

Miss Joy
U.S. Geol. Survey

Lot No 44. 40 plat

(6)

Field Notes of the Survey
of the Yankie Mining
Claims located in Copper
Mountain Mining District
Yavapai County Arizona
Territory Survey executed by
Meily Coy U.S. Land Surveyor
by direction of Surveyor General
for Arizona ~~upon~~ upon
application of E. M. Pease
Claimant

Survey commenced Nov 11th 1872

Survey completed Nov 11th 1872

Survey of the "Yankie" Mining Claim
located in Copper Mountain Mining
district Yavapai County Territory
of Arizona

Chain Beginning at a Monument of Stone
3 feet high from which the
NE corner of the Montezuma
Mining Claim bears N. $76^{\circ}38' E$
11 chains distant. I run
along the course of the lode
N. $76^{\circ} E$

Var 15° East

(As per observation of Polaris)

22, 72 To a monument of stone in a
hollow, a hill 600 feet high
being south. Run
N. $14^{\circ} W$.

Var 15° East

9 08 To a monument of stone
from which a pine tree

Yasshi Continued

Chain 110 in diam brass East 30
links distant. This corner
is 300 feet higher than the
S. S. corner. Merid
S. 76° N

Var 13° East

22,72 Through a deep gulch to a
monument of stones built around
a pine tree Merid
S. 14° E

Var 13° East

908 To plan of beginning and
containing $20 \frac{6}{10}$ Acres

General Description

The surface of the ground on
this claim is very much

Yasuki Continuum

broken, soil rocky and barren - There is but one lode from surface indications - it is well defined, is rich in copper ore and is, I judge 18 to 20 feet wide. The location of this claim is north of the Montezuma Mining claim and it borders downward the Cañon of Chasi Creek. The character of the rock of this region as far as I have observed with an occasional small outcropping of lime stone, I also observed granite in the bottom of Chasi Cañon. There has been five hundred dollars expended on the claim in shaft

Yankin Continuum

and Cross Cutz on diff.
cross play on the vein

Mily Dy
W. Left Survey

U. S. Smelter General's Office
 Tucson A.T. July 31. 1873.

The foregoing field notes of the survey of the "Copper Mountain," Mining Claim and Mill-Site, and the "Arizona Central," "Montezuma" and "Yankee" Mining Claims, located in Copper Mountain Mining Dist., Yavapai Co. Arizona, executed by Miles Joy, U. S. Dep. Smelter, under instructions from this office dated Oct. 28. 1872, having been critically examined and the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

John Masson
 U. S. Smelter General.

List of Names.

A List of the Names of the individuals employed to assist
 in running, measuring, or marking the lines and corners
 described in the foregoing Field Notes of Arizona Co.
 Copper Mountain, Montezuma, Saukie M.
 and Mill Site Connected with the Copper M.
 Mine,

showing the respective capacities in which they acted.

	Compa:
John W Reed	Chainman.
E. N. Poter	Chainman.
E. M. Pearce	Axeman.

E N Poter



Final Oaths of Assistants.

I hereby certify that we assisted M. Joy
 U. S. Deputy Surveyor, in surveying the
 Arizona Central Copper Mountain, Montezuma
 and Yaukie Copper Mines and Mill Site
 connected with the Copper Mountain Mine
 created by ~~E. M. Pearce~~ in Copper Mountain Mining District
 County of Yavapai Territory of Arizona, ~~along and~~
~~alt. River Base and Meridian~~

and that said Survey has been in all respects, to the
 of our knowledge and belief, well and faithfully sur-
 and the boundary monuments planted according to
 actions furnished by the Surveyor-General.

John W. Reed
 & H. J. Street
 E. M. Pearce

Subscribed and Sworn
 before me on this 4th day
 December A D 1872

O Buckalew Clerk
 Dist Court 1st Dis
 Arizona



Final Oath of Deputy Surveyor.

I, *Wm. Joy* U. S.

Deputy Surveyor, do solemnly swear that, in pursuance
with ~~a contract with~~ ^{instructions from} *John Nasson*

United States Surveyor-General for Arizona, bearing date
the ~~1st~~ ^{28th} day of ~~December~~ ^{October 1872},

I have well, faithfully
and truly, in my own proper person, and in strict con-

formity with the instructions furnished by the Survey
General, the Surveying Manual, and the laws of the

United States, surveyed all those parts or portions of the
Mining Claim, known as the Arizona Co.

Montezuma Grant and Copper Mountain
and also of the mill site connected with

Copper Mountain mine claimed by E. M.
and located in Copper Mountain Mining Co.

in the County of Yavapai and Territory of Ariz-
ona to ~~be and same not known to be~~
of ~~east & west~~ ^{east & west}

as are represented in the foregoing Field Notes as having

been surveyed under my directions; and I do further
 solemnly swear that all the corners of said surveys have
 been established and perpetuated in strict accordance with
 the Surveying Manual and printed instructions, and that
 the foregoing are the true and original Field Notes of such
 survey.

Wm. Doy
 U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 4th
 of December 1872

O Buckalew Clerk
 District Court 1st
 District Arizona

