

(4-683.)

Mineral Survey No. 957.

Lot No. 72

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Cooper Green Consolidated
Mining Company.

KNOWN AS THE

"Gardner"

Warren

Mining District,

Coconino County, Arizona

Section _____, Township _____, Range _____

Surveyed under instructions dated July 26th, 1890.

by H. G. Howe

U. S. Deputy Mineral Surveyor.

Claim located July 14th, 1887

Survey commenced February 16th, 1891.

Survey completed February 20th, 1891.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, S. B. Whitham and Chas Stewart,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either 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 assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of Copper Queen Consolidated
Mining Co., Ben Williams Agt., known as the
Gardner
situate in Warren mining district,
Cochise, County, Arizona,
in Section _____, Township No. _____, Range No. _____

S. B. Whitham, Chainman.
Charles Stewart, Chainman.

Subscribed and sworn to by the above-named persons before
me this 16th day of February, 1891.

S. C. Parris
Notary Public

I, _____, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of _____
known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

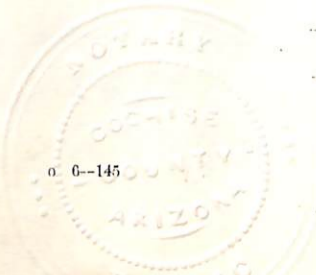
Subscribed and sworn to by the said _____
before me this _____ day of _____,
1891.

I, John W. Heatter, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of Copper Queen Consolidated
Mining Co., known as the Gardner's,
more fully described in the preceding affidavit.

John W. Heatter, Flagman.

Subscribed and sworn to by the said John W. Heatter
before me this 16th day of February, 1891.

S. C. Parris
Notary Public



Field Notes.
of the Survey of the

Gardner Mining Claim in
the Warren Mining District
Cochise County Arizona,

Claimed by
The Copper Queen Consolidated
Mining Company,
Ben Williams Agent.

Surveyed by H. G. Howe U.S. Deputy
Mineral Surveyor, under instruc-
tions from the Surveyor General
of date July 26th, 1890.

Survey commenced Feb. 16th /91,
Survey completed Feb. 20th /91.

Feet. Description of Survey
Beginning at the Initial mon-
ument as described in the location
notice, and marking the north-
westerly center end of claim.
Where I find a monument of
stones, and set Post 5 ft. long 4 ins.
sq. 6 ins. in ground and surround
by a monument of stones 4 1/2 ft.
at base and 3 ft. high.
Post marked I.M. GARDNER M.C. No. 1.
From which an Oak tree 10 ins. diameter
blazed and marked B.T.G. M.C. No. 1,
bears S 9° 30' W 13. ft.
An Oak Tree 12 ins. diameter, blazed and
marked B.T.G. M.C. No. 1, bears S 71° 20' E
13.6 ft.
An Oak tree 14 ins diameter, blazed

4 2

Feet. and marked "Excelsior," bears
N 14° 37' W 38.3 ft.
U.S.M.M. No. 1. bears N 26° 29' W
3 1/2 ft.

Thence N 48° 27' E
var 11° 40' East.

296.8 To a monument of stone marking
the north easterly cor. where I set
Post 5 ft. long 4 ins. sq. 1 ft in the
ground and surround by a
monument of stone 4 1/2 ft at base
and 2 1/2 ft. high.
Post marked G.M.C. No. 2.

Thence S 56° 56' E.
var 11° 40' East.

600. Enter deep wash drains east.
692.3 Intersect north westerly end line
Mammoth M.C. Lot. No. 51. N 50° 39' E
9 1/4 ft. from S.W. cor.

790. Leave wash drains S.N.E.

1304. To point for south easterly corner.
where I set Post 5 ft. long 4 in. sq. 8 ins
in ground and surround by a
monument of stone 4 ft. at base
and 2 1/2 ft. high.

Post marked G.M.C. No. 3.

From which the original cor a
cactus stalk in mow, on Butte 12 ft
high. bears S 56° 56' E 10 ft. dist.

Thence S 48° 27' W.
var 11° 40' East.

231.6 To point for center monument
where I set Post 5 ft. long 4 in. sq. 6 ins
in ground and surround by a
monument of stone (using the
old mon) 4 ft at base and 2 1/2 ft
high.

Post marked G.M.C. No. 4.

- Feet. From which the old mon bore
 $550^{\circ}0'E$ 2ft dist.
- 883.6 Intersect the South westerly side
 line Mammoth M.C. Lot No 51.
 $538^{\circ}48'E$ 596. ft. from the N.W. cor.
- 499.6 To the South westerly cor, a stake in
 mon. of stone where I set Post
 5ft. long 4 in. sq. 6 ins. in ground
 and surround by monument
 of stone 4ft at base and $2\frac{1}{2}$ ft.
 high.
 Post marked G. M. C. No. 5.
 Thence $N56^{\circ}04'W$
 or $11^{\circ}40'$ East.
- 206.5 center of cut extends 10ft to the right
 and 5ft to the left, is 4ft wide
 and 4ft. deep.
548. Top of flat ridge slopes south
- 998.6 Wash drains N.E.
- 1298.5 To the N.W. cor, a monument of
 stone, where I set Post 5ft. long
 4 in. sq. 6 ins in ground and
 surrounds by a monument of
 stone 4ft. at base and $2\frac{1}{2}$ ft. high.
 Post marked G. M. C. No. 6.
 Thence $N48^{\circ}27'E$
 or $11^{\circ}40'$ East.
- 182.3 To Post I. M. GARDNER M.C. No. 1. and
 place of beginning survey of
 exterior lines.

Area.

Total Area of claim 14.12 acres.
 Less conflict with the
 Mammoth M.C. Lot No 51, of 2.56 acres,
 not claimed.

Net area.

11.56 Acres.

Location.

This claim is located in the
 Warren Mining District Cochise Co

Arizona, about one half a mile south easterly from the Copper Queen Smelters.

And is bounded upon the North west by the Space M.C. and upon the South East by the Mammoth M.C. Lot No 51. with which it conflicts.

Improvements made upon this claim by claimants or their grantors consist of a cut 4x6ft. 5ft deep. $528^{\circ} 43' E$ 330. ft. from Post I.M. Gardner M.C. No 1.

Open cut 6x8ft by 10ft. deep. $N 55^{\circ} 50' W$ 222 ft. from Post G.M.C. No 4.

Faced Tunnel 5x7ft. 10ft. long to wing and slopes over 30ft in length.

$N 59^{\circ} 17' W$ 335 ft. from Post G.M.C. No 4

A Shaft. 4x6ft. 70ft. deep with drifts at 55ft over 70ft in length.

$S 41^{\circ} 0' E$ 340. ft. from Post I.M. Gardner M.C. No 1

A Shaft 4x6ft. over 25ft. deep. bears $S 44^{\circ} 0' E$ 330. ft. from Post I.M. Gardner M.C. No 1.

And I hereby certify that the value of said improvements exceeds the sum of five hundred dollars.

Instrument used a young's improved Solar Transit and Steel tape

and courses taken by use of Solar apparatus.

Tombstone A.G. Howe
March 21st 1879 U.S. Dep. Min. Surveyor

Affidavit of Five Hundred Dollars Improvements.

We, S B Whitten and Charles Stuart

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Gardner, mining claim, situated in

the Warren — Mining District, Cochise County,

Arizona Territory, for which the Copper Queen Consolidated Mining Company

have made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

S B Whitten

Charles Stuart

TERRITORY OF ARIZONA, }
County of Cochise } ss.

SWORN to and subscribed before me, this 20th day
of February 1891.

S. C. Pomeroy
Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. G. Howe,
 United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines
 corners and boundaries described in the foregoing field notes of the survey of the mining claim
 of The Copper Queen Consolidated Mining Co.,
 known as the Gardner Mining Claim,
 and showing the respective capacities in which they acted.

S. B. Whittier, Chainman.
Charles Stuart, Chainman.
 _____, Assman.
John A. Heatley, Flagman.

FINAL OATHS OF ASSISTANTS.

We, S. B. Whittier Charles Stuart,
 and John A. Heatley, do solemnly swear that we assisted
A. G. Howe,, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Copper Queen
Consolidated Mining Company
 _____, known as the _____
Gardner Mining Claim,, represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona.

S. B. Whittier, Chainman.
Charles Stuart, Chainman.
 _____, Assman.
John A. Heatley, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 20th day of February, 1891.

A. C. Parris
Notary Public



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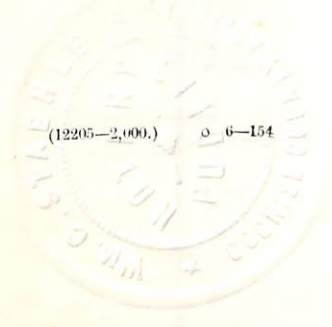
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, A. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 29th, 1896. I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of The Copper Queen Consolidated Mining Company Ben Williams Agent known as the Gardner, -
 situate in Warren - Mining District, Cochise County, Arizona in Section Township No Range No and designated as Survey No. 957, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or their grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

A. G. Howe
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. G. Howe
 U. S. Deputy Mineral Surveyor, before me Wm C Staehle
Notary Public this twelfth
 day of March, 1891.

Wm C Staehle
Notary Public



Location Notice ;

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10th 1872, have this day located and claim 1500 ft; more or less along the course of this lead, lode or vein of mineral bearing quartz, 600 feet in width on each side of the middle of said lead, lode or vein, Situated in Warren Mining District. County of Coconino, Territory of Arizona and more particularly described as follows, to wit ;

Commencing at this monument of stones being the centre of the N.W. End, and Initial monument of claim, and upon which this notice is posted, thence 300 ft. North-easterly to a monument of stones; thence 1300 ft. South-easterly to a monument of stones; thence 300 ft; South-westerly to a monument of stones, being the center of the South-east end of claim; thence 300 ft. South-westerly to a monument of stones, thence 1250 — North Westerly to a monument of stones; thence 300 feet North-easterly to the place of beginning.

This claim is located on the S.E.

end of the Neptune Mining claim, and is bounded by the Brown Bear and Mammoth on the N. side; by the Mammoth and the Beak Jack on the S.E. end by unknown claims on the South, and by the Neptune on the N.W. end, and located about one mile South-easterly from U.S. M. Mon, No. 1, And shall be known as the Gardner Mining claim.

Located July 14th 1887.

Witness,

H. Logue.

West Howell.

L. Gardner.

J. H. Hoadley.

Filed and recorded at request of J. H. Hoadley, July 16th A.D. 1887 at 1 P.M.

W. F. Bradley

County Recorder.

TERITORY OF ARIZONA, }
County of Cochise. } ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise, hereby certify that the above and foregoing is a full, true and correct copy of The Gardner Mining Claim Warren Mining District A. T. as appears of record now in my office in Book 8, Page 612 Record of Mines

In witness whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this

6th day of February, A. D. 1890

W. F. Bradley

County Recorder.

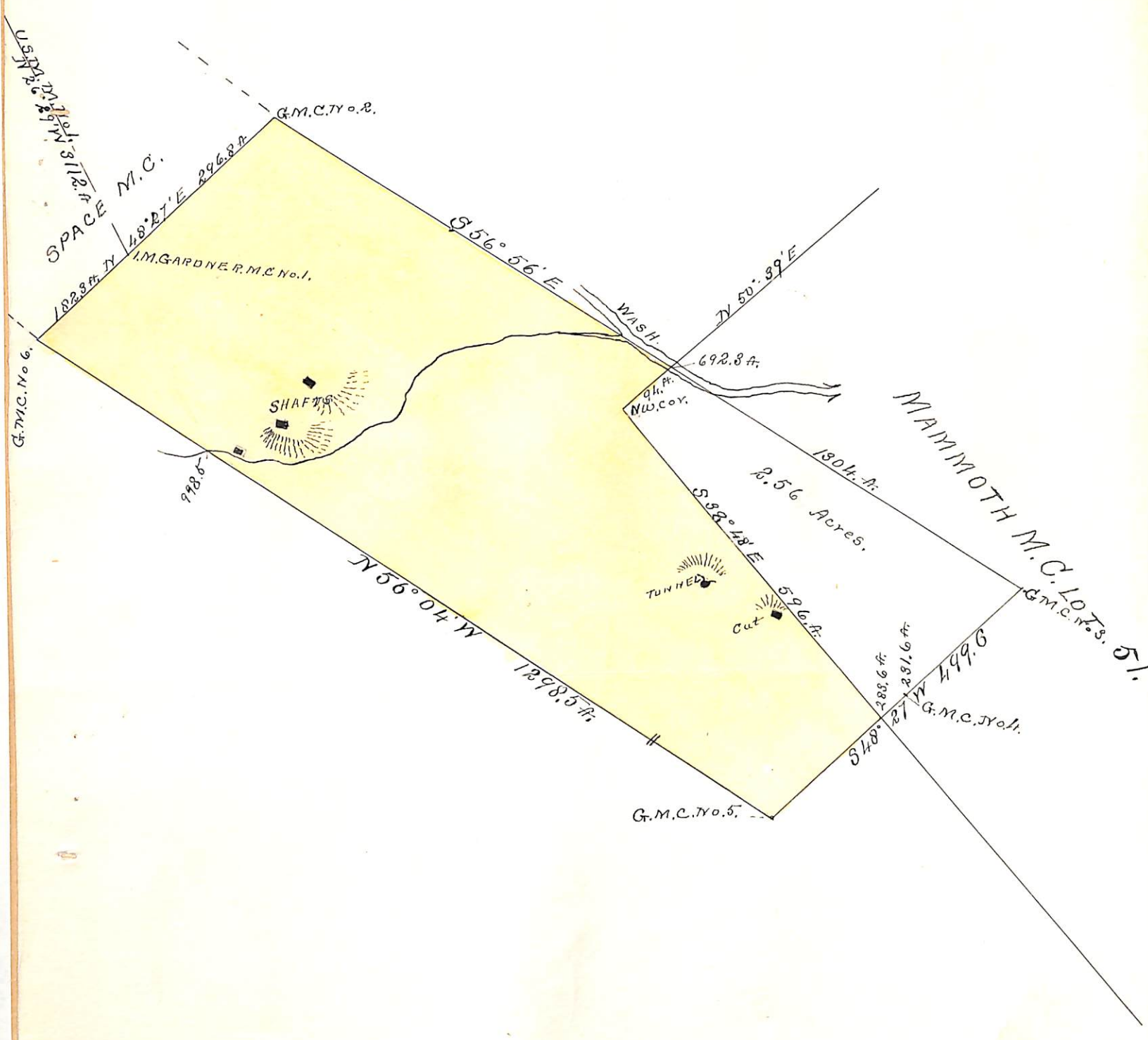
PLAT
 OF the
 GARDNER MINING CLAIM
 WARREN MINING DISTRICT
 COCHISE COUNTY
 ARIZONA

TOTAL AREA 14.12 Acres.

NET AREA. 11.56 acres.

Scale 200. ft = 1 inch.

Var 11°40' East.



(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson, Arizona

March 30, 1891.

I, U. S. Surveyor General for

Arizona Territory,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of

The Copper Queen

Consolidated Mining Company

_____ , known as the

"Gardner"

situate in Warren _____ mining district,

Cochise _____ County, Arizona _____

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. 957 _____

executed by H. G. Howe _____, U. S. Deputy Mineral

Surveyor, February 16-20, 1891, under my instructions dated

July 26th, 1890, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes. _____

Robert Johnson

U. S. Surveyor General for Arizona.

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