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(4-683.)

Mineral Survey No. 958.

Lot No. 73.

"Gila"

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Copper Queen Consolidated  
Mining Company.

KNOWN AS THE

"Sun Rise"

Warren

Mining District,

Cochise County, Arizona.

Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_

Surveyed under instructions dated March 16-, 1891.

by H. G. Howe

U. S. Deputy Mineral Surveyor

Claim located April 5<sup>th</sup>, 1880.  
Supplemental Location. March 3-, 1891.  
Survey commenced March 18<sup>th</sup>, 1891.  
Survey completed March 19<sup>th</sup>, 1891.



# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, S. B. Whitam, and \_\_\_\_\_,  
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 the Copper Queen Con Mining  
Company, known as the  
Sun Rise,  
situate in the Warren mining district,  
Cochise County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

S. B. Whitam, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 18<sup>th</sup> day of March, 1891.

H. G. Howe  
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 \_\_\_\_\_,  
18 \_\_\_\_\_.

I, \_\_\_\_\_, 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 \_\_\_\_\_  
known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
18 \_\_\_\_\_.



Field Notes  
of the Survey of the

Sun Rise Mining Claim in the  
Warren Mining District  
Cochise County,  
Arizona.

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

Surveyed by A. G. Howe U.S. Deputy  
Mineral Surveyor. under instructions  
from the Surveyor General of date  
March 16<sup>th</sup> 1891.

Survey commenced March 18<sup>th</sup> /91  
Survey completed. March 19<sup>th</sup> /91

Description of Survey

Feet. Beginning at the Initial mon-  
ument mentioned in Supplemental  
location notice, and marking  
the South easterly center end of claim,  
where I find. Post 5 ft. long 4 in. sqs.  
in monument of stone 4 ft. at base  
and 3 ft. high. built upon croppings.  
I find in mon. a glass bottle containing  
copy of Supplemental notice of location.  
Post marked I.M. SUN RISE M.C. No 1.

Thence  $N 57^{\circ} 39' E$

or  $11^{\circ} 40' East.$

300. To a Post 5 ft. long 4 in sqs. in a mon-  
ument of stone. 4 ft. at base and 3 ft high.  
set in edge of deep wash.  
Post marked S.M.C No 2.

Thence  $N 40^{\circ} 24' W$

or  $11^{\circ} 40' East.$

R/3/4 Intersect westerly side line.



Feet. Golden Gate M.C. Lot No 61.  
 See Note. N 53° 28' W 266.86 ft dist from Post  
 G.G. M.C. No. 5.

943.6 To a Post 5 ft. long 4 in. sgr. in monu-  
 ment of stone 4 ft. at base and 3 ft  
 high  
 Post marked S.M.C. No. 3.  
 Thence S 57° 39' W  
 var 11° 40' East.

171. Intersect westerly side line Golden  
 See Note. Gate M.C. Lot No. 61. S 53° 28' E 123.3 ft  
 from Post G.G. M.C. No. 6.

200. To a Post 5 ft. long 4 in. sgr. in a monu-  
 ment of stone 4 ft. at base and 3 ft.  
 high, being the N. westerly center end  
 of claim.  
 Post marked S.M.C. No. 4.  
 From which U.S. M.M. No. 1. bears.  
 N 61° 21' E 3200. ft.  
 Thence S 57° 39' W  
 var 11° 40' East.

295.4 To a Post 5 ft. long 4 in. sgr. in a monu-  
 ment of stone 4 ft. at base and 3 ft  
 high.  
 Post marked S.M.C. No. 5.  
 Thence S 34° 10' E  
 var 11° 40' East.

934.7 To a Post 5 ft. long 4 in. sgr. in a monu-  
 ment of stone 4 ft. at base and 3 ft high.  
 Post marked S.M.C. No. 6.  
 Thence N 57° 39' E  
 var 11° 40' East.

298. To Post I.M. SUN RISE M.C. No. 1. and place  
 of beginning survey of exterior  
 lines of claim.

Area.

Total area of claim	11.726	Acres.
Less conflict with the Golden Gate M.C. Lot No 61	1.372	acres.
Not claimed.		
Net area	10.354	acres.



### Location.

This claim is located in the Warren Mining District, Cochise County, Arizona, about one half a mile South westerly from the Copper Queen Smelters, and about one hundred yards from the development work upon the Uncle Sam Mining claim.

### Improvements.

Made upon this claim by claimants or grantors, consist of.

An open cut 5 ft. wide 26 ft. long 8 ft. deep, with a winze 5 x 6 ft. 12 ft. deep leads from cut, bears  $N 67^{\circ} 08' W$  269 ft.

A Shaft 4 x 6 ft. 10 ft. deep, bears  $N 72^{\circ} 06' W$  107 ft.

A Shaft 4 x 6 ft. 10 ft. deep, bears  $N 8^{\circ} 30' E$  84 ft.

And A Shaft 4 x 6 ft. 10 ft. deep, bears  $N 36^{\circ} 0' W$  25 ft. dist. from Post I.M. SUNRISE M.C. Tr. 1.

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

There have been no improvements made by others upon this claim.

### Note.

I find by careful measurements and deflected angles that the westerly side line of the Golden Gate M.C. Lot No 61, bears  $S 53^{\circ} 03' E$  and  $N 53^{\circ} 03' W$ , var  $11^{\circ} 40' East$ , while the Official Notes of this line give it as  $S 53^{\circ} 28' E$  and  $N 53^{\circ} 28' W$  var  $13^{\circ} East$ . I also find that the length of this line is given at 1199 ft. by measurement, when by careful triangulation it is but 1162.60 ft. in length. I find it is impossible to measure lines over these hills, and therefore select base lines and



calculate the distances, measuring only those that can be measured.

Instruments used a young's improved Solar Transit and steel

tape, bar, and courses taken by use of the Solar apparatus.

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

Tombstone March 24<sup>th</sup> 91.



# Affidavit of Five Hundred Dollars Improvements.

We, S. B. Whittum and C. L. Beckwith

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

Sun Rise mining claim, situated in the Warren Mining District, Cochise County, Arizona Territory, for which The Copper Queen Consolidated Mining Co. Ben Williams Agent.

has 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 applicant and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

has 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 applicant and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

S. B. Whittum

C. L. Beckwith

TERRITORY OF ARIZONA,

County of Cochise } ss.

SWORN to and subscribed before me, this 23<sup>rd</sup> day

of March 1891.

S. C. Penin

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 Sun Rise,  
 and showing the respective capacities in which they acted.

S. B. Whitman, , Chainman.  
 \_\_\_\_\_ , Chainman.  
 \_\_\_\_\_ , Axman.  
 \_\_\_\_\_ , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I S. B. Whitman  
 and \_\_\_\_\_, do solemnly swear that <sup>I</sup> ~~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 Co.,  
Ben Williams Agent, , known as the \_\_\_\_\_  
Sun Rise, , 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 <sup>my</sup> ~~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. Whitman , Chainman.  
 \_\_\_\_\_ , Chainman.  
 \_\_\_\_\_ , Axman.  
 \_\_\_\_\_ , Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 23<sup>rd</sup> day of March, 18 91.

S. C. Peris  
 \_\_\_\_\_  
Notary Public





(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, H. 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 March 16<sup>th</sup>, 1891, 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 Sun Rise, situate in the Warren Mining District, Cochise County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 958, 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.

H. G. Howe

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. G. Howe, U. S. Deputy Mineral Surveyor, before me Wm C. Staehle, a Notary Public this 25<sup>th</sup> day of March, 1891.

Wm C. Staehle,  
Notary Public,





"Sun Rise"

10

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872 have this day located and claim fifteen hundred (1500) linear feet along the course of this lead, lode or vein of mineral bearing quartz and three hundred (300) feet in width, on each side of the middle of said lead, lode or vein, situated in the Mule Mountains, Warren Mining District, County of Pima, Arizona, and more particularly described as follows, to wit: Commencing at this monument of stones being the center of the end of claim and upon which this notice is posted, thence North Easterly three hundred (300) feet to a monument of stones, thence North Westerly fifteen hundred feet (1500) to a monument of stones, thence South Westerly three hundred (300) feet to a monument of stones, being the center of the end of claim, thence South Westerly fifteen hundred feet to a monument of stones, thence North Easterly three hundred (300) feet to place of beginning. This claim is situated



close by the Uncle Sam and Brother Jonathan mines, and shall be known as the Sun Rise Mine, Located April

5th 1880

Witness.

Daniel O'Toole,

William Herring,

Joseph D. Dyer,

Joseph Russell,

William Daley,

Filed and recorded at request of William Herring April 9th A.D. 1880 at 7 A.M.

S. W. Carpenter, County Recorder,  
By Ed. Yerkes, Deputy.

TERRITORY OF ARIZONA, )  
County of Cochise. } ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of the Location Notice of the Sun Rise mine, Warren Mining District, as appears of record now in my office in Book 5, Page 427 Transcribed Records of mines.

In witness whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this 22nd day of January, A. D. 1891  
W. F. Bradley,  
County Recorder.



# Supplemental Notice of Location.

The undersigned now the owners and in possession of the Sun Rise Mining Claim situated in the Warren Mining District Coconino County, Territory of Arizona, located April 5th 1880. by William Herring, Joseph D. Dyer, Joseph Russell and William Daily, as by the notice of their said location recorded at Tombstone in the said Coconino County, Book 5, Page 427. Transcribed Records of Mines, relation being thereunto had will more fully appear, being desirous of obtaining a patent for said Mining Claim as a preliminary step thereto do make this supplemental notice of Location, for the purpose of placing upon the record a more accurate description of the claim as located and monumented upon the ground with reference to an established United States Mineral Monument. The said claim is described as follows. Beginning at the "center" of the South easterly end line of the claim a post in monument of stones, marked J. M. Sun Rise M. Co. No. 1, and upon which this notice is posted, Thence with a magnetic Variation of  $11^{\circ}$



40° East. N.  $57^{\circ}39'$  E 300 ft. to post in monument of rocks and marked S.M. C. No. 2. Thence N.  $40^{\circ}24'$  W. 943.6 ft to post in monument of rocks, and marked S.M. C. No 3. Thence S.  $57^{\circ}39'$  W. 200 ft, post in monument of rocks and marked S. M. C. No. 4. Same being the Northwesterly "Center" from which U. S. Mineral Monument No. 1. bears N.  $61^{\circ}21'$  E 3200 ft. Thence continuing S  $57^{\circ}39'$  W. 295.4 ft. post in monument of rock and marked S.M. C. No. 5. Thence S.  $34^{\circ}10'$  E. 934.71 ft. post in monument of rock and marked S.M. C. No. 6.

Thence N.  $57^{\circ}39'$  E. 298 ft. to the place of beginning. This notice is placed upon the claim this 3rd day of March 1891. and is made without waiver of any rights under the original notice of location aforesaid.

The Copper Queen Consolidated Mining Company.

By Ben Williams. Agent.

Witness

C. L. Beckwith.

Filed and recorded at request of Ben Williams. March 11th AD 1891 at 11 A.M.

W. F. Bradley.  
County Recorder.



TERRITORY OF ARIZONA, }  
 County of Cochise } ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of The  
~~Amended~~ Supplemental Notice of Location of the Sun Rise Mine.  
 as appears of record now in my office in Book 9, Page 187 Record of Mines.

In witness whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this  
11th day of March, A. D. 1891  
W. F. Bradley  
 County Recorder.



Certified Copy of the  
Supplemental Location Notice  
of the  
Sun Rise Mine.



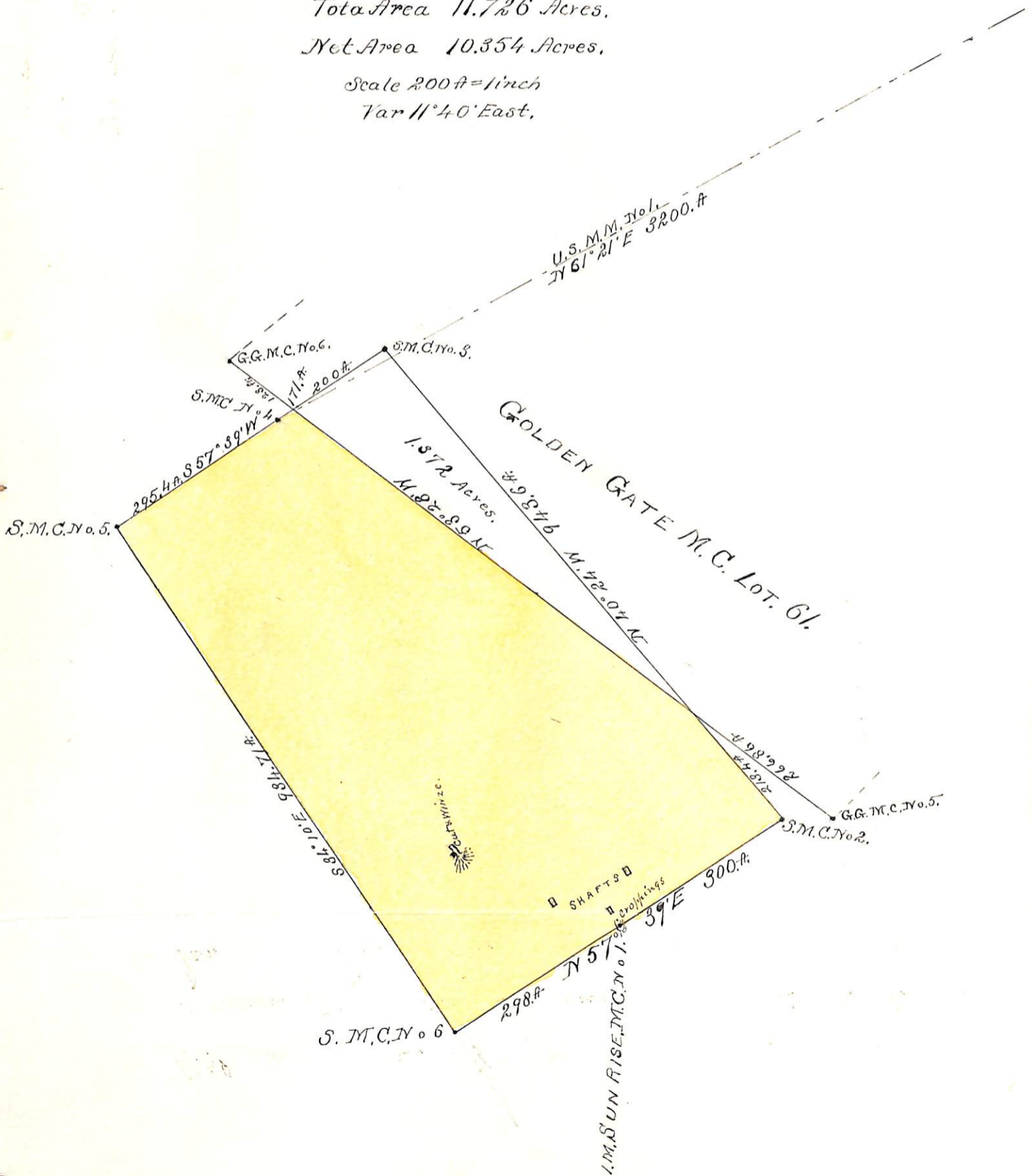
PLAT  
 of the  
 SUNRISE MINING CLAIM  
 WARREN MINING DISTRICT  
 COCHISE COUNTY  
 Arizona.

Total Area 11.726 Acres.

Net Area 10.354 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

April 10<sup>th</sup>, 1891.

I, U. S. Surveyor General for

Arizona.

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

"Sun Rise"

situate in

Warren

mining district,

Coconino

County,

Arizona.

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

and \_\_\_\_\_, designated as Survey No. 958.

executed by

H. G. Howe

U. S. Deputy Mineral

Surveyor, March 18-19, 1891, under my instructions dated

March 16, 1891, 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.

Rupert Johnson

U. S. Surveyor General for

Arizona.

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