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(4-683.)

Mineral Survey No. 991.Lot No. 49.Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Yuma Copper & Silver Mining Company
" Siconderoga "

KNOWN AS THE

Harcuvar Mining District,Maricopa County, ArizonaSection _____, Township 8 N, Range 9 WSurveyed under instructions dated April 10th, 1891,by Frank Nicholson

U. S. Deputy Mineral Surveyor.

Claim located November 25th, 1886.Survey commenced April 24th, 1891Survey completed May 20th, 1891.

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PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE Frank Obermiller and B. Matthews,
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 Yuma Copper and Silver
Mining Company, known as the
"Ticonderoga"
situate in Maricopa mining district,
Maricopa County, Arizona
in Section _____, Township No. _____, Range No. _____

Frank Obermiller, Chairman.
B. Matthews, Chairman.

Subscribed and sworn to by the above-named persons before
me this 24th day of April, 1891.

Frank Nicholson
Notary Public.

I, Frank Straver, 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 The Yuma Copper and
Silver Mining Company
known as the "Ticonderoga",
more fully described in the preceding affidavit.

Frank Straver, Axeman.

Subscribed and sworn to by the said Frank
Straver before me this 24th day of
April, 1891.

Frank Nicholson
Notary Public.

I, C. M. Smith, 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 The Yuma Copper and
Silver Mining Company
known as the "Ticonderoga",
more fully described in the preceding affidavit.

C. M. Smith, Flagman.

Subscribed and sworn to by the said C. M. Smith
before me this 24th day of
April, 1891.

Frank Nicholson
Notary Public.



Feet

Field Notes

of the Survey of the
Ticonderoga Mining Claim
 in the Arcuuar Mining District, Maricopa County,
 Arizona.

Claimed by the Yuma Copper and
 Silver Mining Company.

Surveyed by Frank Nicholson,
 U. S. Deputy Mineral Surveyor, un-
 der instructions from the Sur-
 veyor General, of date, April 10th, 1891.

Survey commenced, April 24th, 1891.

Survey completed, May 20th, 1891.

Description of Survey.

Beginning at the Initial Mon.
 mentioned in location notice, and
 marking the North-Easterly end
 centre of claim, where I found
 a post 4 ft. long and 4 ins.
 x 4 ins. in section, $1\frac{1}{2}$ ft. in
 ground and surrounded ^{same} with
 a mound of stones and marked
 M.-C. J. M. No. 1. I marked this
 post J. J. M. No. 1.

Hence S. $65^{\circ} 3' E.$

Var. $13^{\circ} 3' E.$

150 To intersection of Westerly side
 line of the Crystal Claim, S.
 $17^{\circ} 3' E.$ 20 ft. from the N. W.
 cor. of said claim (a post
 marked C. No. 3).

300 To mon. and post marked
 M.-C. No. 6, which post, I
 marked J. No. 2.

U. S. Min. Mon. No. 1 hrs. S. $49^{\circ} 40' W.$ 2458 ft.

Hence S. $51^{\circ} 57' W.$

Var. $13^{\circ} 3' E.$

119.4 To intersection of Westerly
 side line of the Crystal Claim,
 S. $17^{\circ} 3' E.$ 1632 ft. from the N. W.
 cor. of said claim (a post
 marked C. No. 3).

Feet.
 1500 To loc. mon. where I set a post 4 ft. long, 4 ins. x 4 ins. in section and 1 1/2 ft. in ground and surrounded same with a mound of stones. Post marked J. No. 3.

Thence N. 65° 3' W.
 Var. 13° 3' E.

300 To loc. mon. for S.-Westerly end centre of claim, where I set a post, 4 ft. long, and 4 ins. x 4 ins. in section, 1 1/2 ft. in ground and surrounded same with a mound of stones. Post marked J. No. 4.

Thence N. 65° 3' W. (Same Course).
 Var. 13° 3' E.

300 To loc. mon. where I set a post 4 ft. long and 4 ins. x 4 ins. in section, 1 1/2 ft. in ground and surrounded same with a mound of stones. Post marked J. No. 5.

Thence N. 51° 57' E.
 Var. 13° 3' E.

1500 To mon. and post marked M.-C. No. 2, which post, I marked, J. No. 6.

Thence S. 65° 3' E.
 Var. 13° 3' E.

300 To mon. and post J. J. M. No. 1, place of beginning.

The Meta Comet Claim and the Ticonderoga Claim have an end line in common.

Area.

Total area of claim 18.40 acres.
 Less area in conflict with the Crystal Claim not claimed 0.18 "
 Net Area Claimed 18.22 "

Location.

This claim is located upon unsurveyed land on the S.E. slope of the Hacuwar Mountains, 38 miles W. of Vulture, 10 miles N. of Cullen's Wells, and 10 miles N.W. of the Black Hawk Mountains.

Improvements.

made upon this claim by claimant consist of disc. shaft 5 ft. x 8 ft. and 220 ft. deep, S. 51° 57' W. 60 ft. from Post J. J. M. No. 1.

Drift 7 ft. high and 4½ ft. wide running 105 ft. N.E. from bottom of above mentioned shaft.

Hoisting works 15 H.P. with double cylinder engine reversible, link motion and costing \$2,000.⁰⁰

Shaft house covering above mentioned hoisting works 30 ft. x 20 ft. and costing \$550.⁰⁰.

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

There have been no improvements made by other parties, on this claim.

Instruments used, an improved Bhatner and Adam Mountain transit, and metallic tape.

Variation found by observation of the polar star when on meridian: also by azimuth of North star.

Frank Nicholson,
U. S. Deputy Mineral Surveyor.
Hacuwar, Ariz.,
May 20, 1891.

Affidavit of Five Hundred Dollars Improvements.

We, Jos. L. Obermuller and John Harvey
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the
"Ticonderoga" mining claim, situated in
Harawan Mining District, Maricopa County,
Arizona Territory, for which The Sierra Copper and Silver
Mining Company
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 the grantor exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

Jos. L. Obermuller
John Harvey

TERRITORY OF ARIZONA,
County of Maricopa } ss.

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

Frank Nicholson,
Notary Public.



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Frank Nicholson
 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 Yuuma Copper and Silver Mining Company
 known as the "Ticonderoga"
 and showing the respective capacities in which they acted.

- Frank Obermüller , Chairman.
- B. Matthews , Chairman.
- Frank Strauer , Axman.
- C. M. Smith , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Frank Obermüller, B. Matthews, Frank Strauer
 and C. M. Smith , do solemnly swear that we assisted Frank
Nicholson , United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Yuuma Copper and
Silver Mining Company
 , known as the "Ticonderoga"
 , 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 .

- Frank Obermüller , Chairman.
- B. Matthews , Chairman.
- Frank Strauer , Axman .
- C. M. Smith , Flagman.

Subscribed and sworn to by the above-named persons before me

this 20th day of May , 1891 .

Frank Nicholson
 Notary Public.



(4-686.)

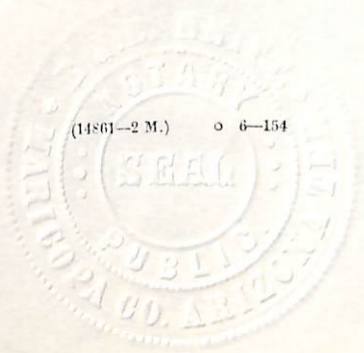
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Frank Nicholson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 10th, 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 Yuma Copper and Silver Mining Company, known as the "Ticonderoga", situate in Maricopa Mining District, Maricopa County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 991. Lot 1049, 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 its 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.

Frank Nicholson,
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Frank Nicholson
U. S. Deputy Mineral Surveyor, before me _____
this 20th
day of May, 1891.

E. J. Bennett
Notary Public



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Notice of Location
 Of the Ticonderoga Mining Claim.
 On the Copper and Silver
 Quartz Ledge, containing
 Copper and Silver, and Co-
 cated as a Quartz Mine.

The undersigned, claim for
 Mining purposes, Fifteen
 Hundred (1500) Feet of this
 Quartz Ledge in length along
 the ledge or vein, and Three
 Hundred (300) Feet on each
 side of the middle of the vein
 at the surface, together with
 all dips, spurs and angles,
 and all valuable mineral
 deposits contained therein,
 and all timber growing
 within the limits of said
 Claim, and all water and
 water privileges thereon or
 appurtenant thereto, under
 and according to the pro-
 visions of the Act of Congress,
 approved May 10th 1872, entitled
 "An Act to Promote the Development
 of the Mining Resources of the
 United States," and all Acts
 amendatory thereto, and the
 laws of the Territory of Arizona.
 This Claim commences at
 this notice, which is posted

1 in a Monument of Stone
2 in a conspicuous place on
3 the ledge at the North End
4 Boundary of the Claim, and
5 running thence Three
6 Hundred (300) Feet in a
7 ^{eastwardly} ~~Westernly~~ direction to a Monu-
8 ment of Stone and a Stake
9 marked South East corner;
10 thence Fifteen Hundred
11 (1500) Feet in a Southernly
12 direction to a Monument of
13 Stone and a Stake marked
14 South East corner; thence
15 Three Hundred (300) Feet
16 in a Westernly direction
17 to a Monument of Stone
18 and a Stake marked South
19 East Center Monument Bound-
20 ary; thence Three Hundred
21 (300) Feet in a Westernly
22 direction to a Monument
23 of Stone and a Stake marked
24 South West corner; thence
25 Fifteen Hundred (1500)
26 Feet in a Southernly direc-
27 tion to a Monument of Stone
28 and a Stake marked South
29 West corner; thence Three
30 Hundred (300) Feet in an
31 ~~an~~ Easternly direction to the
32 place of beginning.
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This claim may be more generally
 described as situated in the Harcuver
 Mountains, Yuma County Arizona,
 about 12 miles North of Cullens Wells,
 10 miles West of the Black Hawk Mountains
 and 12 miles South of Gate Creek.
 And this claim shall be known
 as the Piouderoga Mine,
 And shall be known as the
 Claim,

And the
 Dated on the ground this 25th day
 of November A.D. 1886.

I Signed
 W. L. Card.

William Crigow
 George Bent.
 Charles W. Nugent.
 Witnesses

Recorded at the Request of

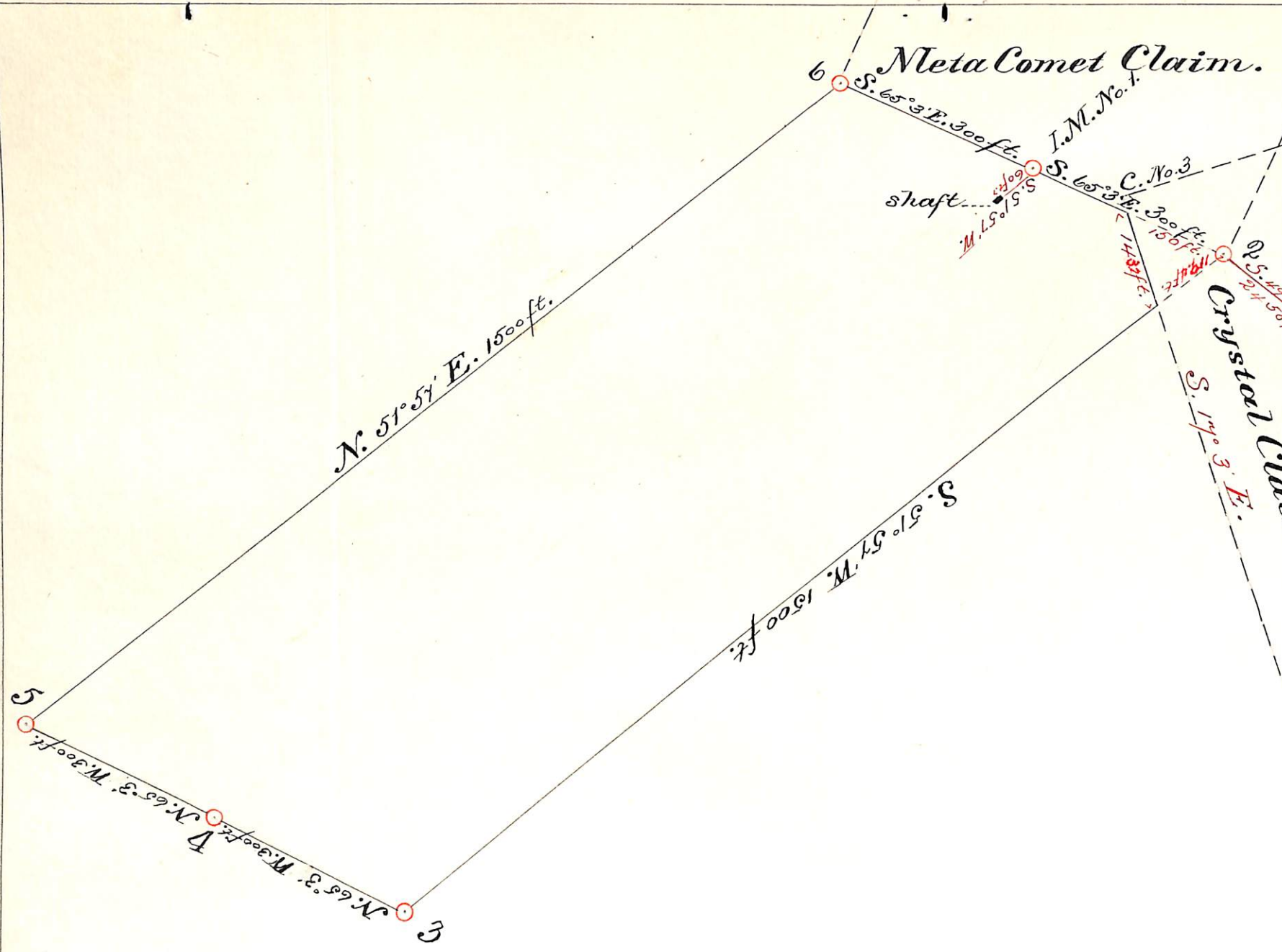
County Recorder

Territory of Arizona }
 County of Yuma }
 P

I J. L. Redoubt County Recorder in and for the
 County and Territory aforesaid do hereby certify that the within in-
 strument is a true and correct copy of the "Piouderoga" Mine, as
 the same appears of record, in Book E of Mines at pages
 199 and 200, Records of my office

Witness my hand and official seal this
 13th day of March A.D. 1891.

J. L. Redoubt
 County Recorder.



PLAT
of the survey of the
TICONDEROGA
Mining Claim
in the Harcuvar Mining
District, Maricopa Coun-
ty, Arizona.
Claimed by The Yuma
Copper and Silver Mining
Company.

Surveyed by
Frank Nicholson,
U.S. Deputy Mineral Sur-
veyor, under instructions
from the Surveyor General,
of date, April 10th., 1891.

Scale 1 in = 200 ft.
Variation 13° 3' E.

To U.S. M.M. No. 1.

(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

December 30th, 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 Yuma Copper and Silver Mining Company

, known as the

"Sienderoga"

situate in Harcuwar mining district,

Maricopa County, Arizona,

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

and designated as Survey No. 991 Lot 49.

executed by Frank Nicholson, U. S. Deputy Mineral

Surveyor, April 24th to May 20th 1891, under my instructions dated

April 10th, 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.

Royal Johnson

U. S. Surveyor General for

Arizona.

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UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 991
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Ticonderoga lode, Mineral Survey No. 991, located in section 10, Township 8 North, Range 10 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Ticonderoga lode, M.S. 991, was canceled April 22, 2002, by memo 9605 (956) M.S. 991, which is now a part of the original field notes."

April 22, 2002
Date



Chief Cadastral Surveyor of Arizona