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(4-683.)

Mineral Survey No. 1002

Lot No. 60

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Yuma Copper & Silver Mining Company

KNOWN AS THE

"Ida"

Harcovar Mining District,

Maricopa County, Arizona

Section _____, Township 8N, Range 9W

Surveyed under instructions dated April 10th, 1891

by Frank Nicholson
U. S. Deputy Mineral Surveyor.

Claim located November 25th, 1886

Survey commenced April 22nd, 1891

Survey completed May 16th, 1891

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Frank Obermüller 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 "Ida" situate in Maricopa mining district, Maricopa County, Arizona in Section _____, Township No. _____, Range No. _____.

Frank Obermüller Chainman.
B. Matthews Chainman.

Subscribed and sworn to by the above-named persons before me this 22nd day of April, 1891.

Frank Nicholson
 Notary Public.

I, Frank Strauer, 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 "Ida" more fully described in the preceding affidavit.

Frank Strauer, Axeman.

Subscribed and sworn to by the said Frank Strauer before me this 22nd 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 "Ida" more fully described in the preceding affidavit.

C. M. Smith, Flagman.

Subscribed and sworn to by the said C. M. Smith before me this 22nd day of April, 1891.

Frank Nicholson
 Notary Public.



Feet

Field Notes

of the survey of the
Ida Mining Claim
in the Harwar Mining District, Maricopa County,
Arizona.

Claimed by The Yuma Copper and Silver
Mining Company.

Surveyed by Frank Nicholson,
US Deputy Mineral Surveyor,
under instructions from the Survey-
or General, of date, April 10, 1891.

Survey Commenced April 22, 1891

Survey completed May 16, 1891.

Description of Survey.

Beginning at point mentioned
in location notice as marking the
Easterly End Centre of claim, where
I found mon. and post mark-
ed L. No. 4, being the Westerly
end centre of the Leadville
Claim. I marked post I. I. M. No. 1.

Thence S. $16^{\circ} 58'$ E.

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

300 To mon. and post marked
L. No. 3, which post I
marked I. No. 2.

Thence S. $73^{\circ} 2'$ W.

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

1500 To loc. mon. where I set
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. Post mark-
ed I. No. 3.

Thence N. $16^{\circ} 58'$ W.

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

300 To loc. mon. for Westerly
end centre of claim where
I set 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.

Feet Post marked I. No. 4.
 Thence N. 16° 58' W. (Same course).
 Var. 13° 3' E.

300 In mon. and post marked
 E. No. 3, which post I marked
 I. No. 5.
 Thence N. 73° 2' E.
 Var. 13° 3' E.

1500 In mon. and post marked
 on one side E. No. 2; on an-
 other side G. E. No. 3; and on
 another side L. No. 5, I marked
 the remaining side I. No. 6.
 U.S. Min. Mon. No. 1 1/2. N. 35° 37' E. 9316 ft.
 Thence S. 16° 58' E.
 Var. 13° 3' E.

300 In mon. and post marked
 I. I. M. No. 1, place of be-
 ginning.

The Ida claim has an end
 line in common with the
 Leadville Claim and a side
 line in common with the Evalina
 Claim.

Area.

Total area of claim 20.66 acres.
 No conflicts
 Net area claimed 20.66 "

Location.

This claim is located upon
 unsurveyed land on the S.E.
 slope of the Harcuwar mount-
 ains 38 miles N. of Vulture, 8 1/2
 miles N. of Queen's Wells &
 11 miles W. of the Black
 Hawk mountains.

Improvements

made upon this claim by claim-
 ant consist of disc. shaft
 5 ft. x 8 ft, 13 ft. deep, S. 73° 2' W
 50 ft. from Post I. I. M. No. 1.
 The claimant has, besides the

work above mentioned, erected a 50-ton copper smelting plant with office, boarding house and engineer's cottage, costing in the aggregate, \$25,000⁰⁰, and has constructed a 3-inch, standard, wrought iron pipe line, $\frac{1}{2}$ miles long, to convey water from the Haeuwar mountains to said smelting works at a cost of \$32,000⁰⁰.

These works were built for the purpose of treating the ore from this and 32 other claims belonging to claimant.

And I hereby certify that the value of improvements on this claim exceeds the sum of five hundred dollars.

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

Instruments used, an improved Batters and Adam mountain transit and metallic tape.

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

Frank Nicholson,
U. S. Deputy Mineral Surveyor.

Haeuwar, Ariz.

May 16th. 1891.

Affidavit of Five Hundred Dollars Improvements.

We, Jose L. Obermuller and John Harway

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

Harwar Mining District, Maricopa County,
Arizona Territory, for which The Yuma 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 its grantor exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

Jose L. Obermuller
John Harway

TERRITORY OF ARIZONA,
County of Maricopa } ss.

SWORN to and subscribed before me, this 16th day
of May 1891

Frank Nicholson,
Notary Public.



FINAL OATHS FOR SURVEYS. 7

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 Thelsuma Copper and Silver Mining Company
 known as the "Ida"
 and showing the respective capacities in which they acted.

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

FINAL OATHS OF ASSISTANTS.

We, Frank Obermüller, B. Matthews, Frank Straver
 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 Thelsuma Copper
and Silver Mining Company
 known as the "Ida",
 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 Straver, Axman.
C. M. Smith, Flagman.

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

Frank Nicholson
 Notary Public.



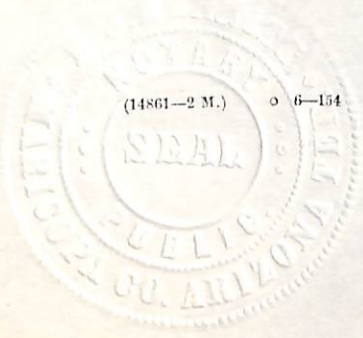
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

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 10, 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 "Ida", situate in Maricopa Mining District, Maricopa County, Arizona, in Section Township No. Range No. and designated as Survey No. 1,002. Lot No 60, 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 E. J. Bennett
Notary Public this 16th
day of May, 1891.

E. J. Bennett
Notary Public



OK

Notice of Location
 Of the Ida Mining Claim
 On the Quartz Ledge, containing
 Copper and Silver
 And located as a Quartz Vein.

The undersigned, claim for
 Mining purposes, Fifteen
 Hundred (1500) Feet of this Quartz
 Ledge, in length along the
 ledge or vein, and Three Hun-
 dred (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
 provisions of An 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
 in a Monument of Stone in a
 conspicuous place on the ledge

1 at the Southernly boundary
2 of the Claim, and running
3 thence Three Hundred (300)
4 Feet in a Westernly direction
5 to a Monument of Stone and
6 a Stake marked South West
7 corner; thence Fifteen Hundred
8 (1500) Feet in a Southernly direction
9 to a Monument of Stone and
10 a Stake marked North East
11 corner; thence Three Hundred
12 (300) Feet in an Easternly
13 direction to a Monument of
14 Stone and a Stake marked
15 East Center Monument bound-
16 ary; thence Three Hundred
17 (300) Feet in an Easternly
18 direction to a Monument of
19 Stone and a Stake marked
20 South East corner; thence
21 Fifteen Hundred (1500) Feet
22 in a Southernly direction
23 to a Monument of Stone and
24 a Stake marked South West
25 corner; thence Three Hundred
26 (300) Feet in a Westernly di-
27 rection to the place of beginning.

28 This Claim maybe more
29 generally described as situated
30 in the Harcuwar Mountains,
31 Yuma County, Arizona Territory
32 about 10 miles North of Bullards
33

1 Wells and about 7 miles South East of Old Campes
2 Sepoc and 12 miles West of Black Hawk Mountains
3 this claim shall be known as the "Ida Mine" and
4 shall be known as the claim, and the
5 Water on the ground, this 25th day of November
6 A.D. 1886.

7 Signed W. L. Card

8 Charles W Nugent
9 Carrie A Sumpkins
10 Ida Hazard.

11 Witnesses

12 Recorded at the request of

13
14 County Recorder

15
16 Territory of Arizona }
17 County of Yuma } H.

18 I, J. L. Redoubt County
19 Recorder in and for Yuma County said
20 Territory do hereby certify that the within
21 is a true and correct copy of the "Ida"
22 Mine as the same appears of record in
23 the records of my office in Book 'E' of
24 Mines at pages 193 and 194

25 Witness my hand and official seal
26 this 14th day of March A.D. 1891
27 J. L. Redoubt
28 County Recorder.

Evalina Mining Claim

Leadville Mining Claim

PLAT of the survey of the

IDA

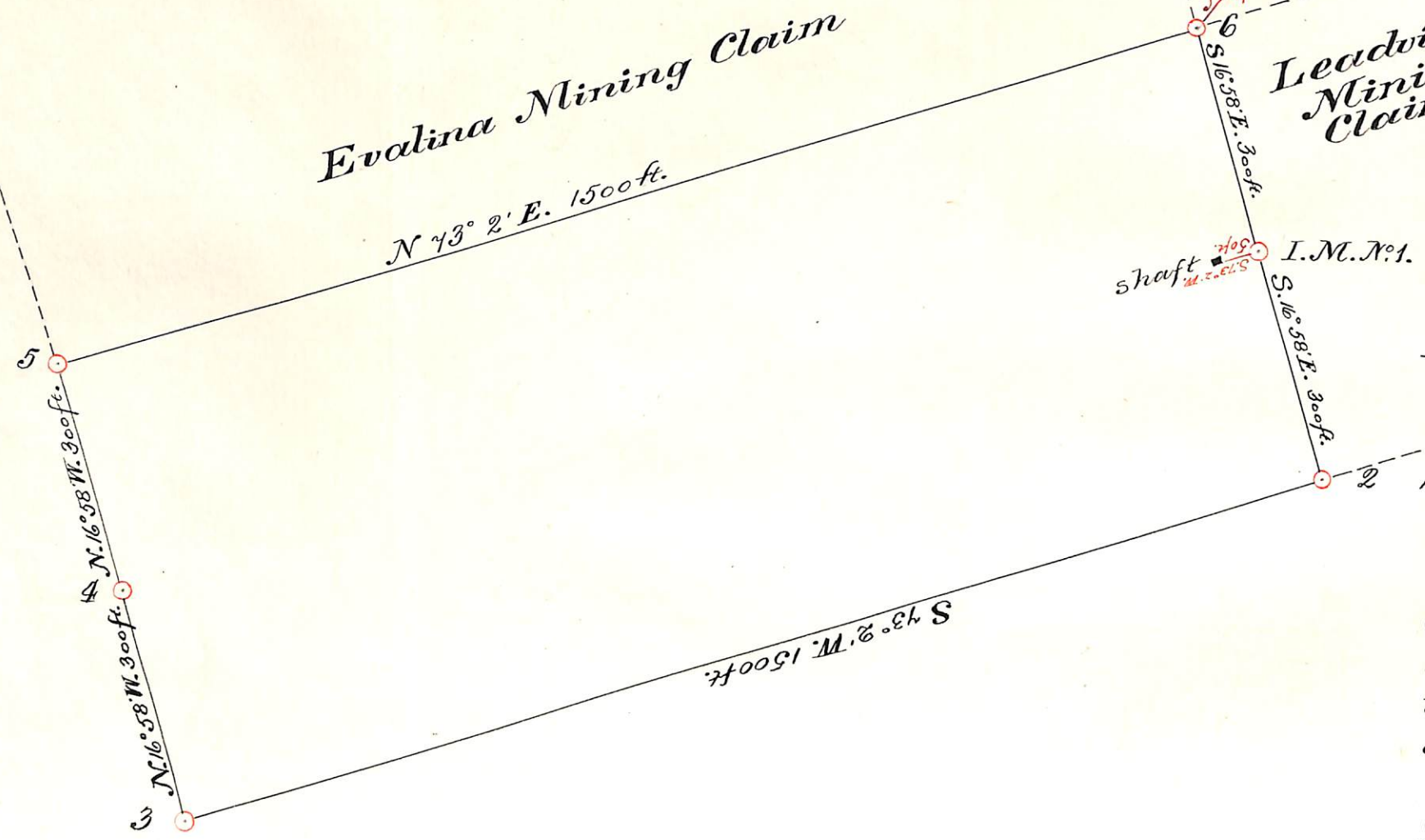
Mining Claim

in the Harcuvar Mining District, Maricopa County, Arizona.

Claimed by The Yuma Copper and Silver Mining Company.

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

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



(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,

Succession. 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 & Silver Mining Company

, known as the

"Ida"

situate in

Harshaw

mining district,

Maricopa County, Arizona

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

and _____, designated as Survey No. 1002. Lot No 60.

executed by Frank Nicholson, U. S. Deputy Mineral

Surveyor, April 22^d to May 16th, 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. _____

Rapal & Johnson
U. S. Surveyor General for Arizona

o 6-1'2

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 1002
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Ida lode, Mineral Survey No. 1002, located in section 21, 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:

"Ida lode, M.S. 1002, was canceled April 22, 2002, by memo 9605 (956) M.S. 1002, which is now a part of the original field notes."

April 22, 2002
Date



Chief Cadastral Surveyor of Arizona