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(4-683.)

Mineral Survey No. 1008.

Lot No. 66

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Yuma Copper & Silver Mining Company
KNOWN AS THE
"Last Chance"

Harawa Mining District,
Maricopa County, Arizona

Section _____, Township 2N, Range 10W

Surveyed under instructions dated April 24th, 1891

by Frank Nicholson
U. S. Deputy Mineral Surveyor.

Claim located January 23rd, 1891

Survey commenced April 29th, 1891

Survey completed May 25th, 1891

o 6-160

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
"*Last Chance*"
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 *27th* 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 "*Last Chance*",
more fully described in the preceding affidavit.

Frank Strauer, Axeman.

Subscribed and sworn to by the said *Frank Strauer*
before me this *27th* day of
April, 1891.

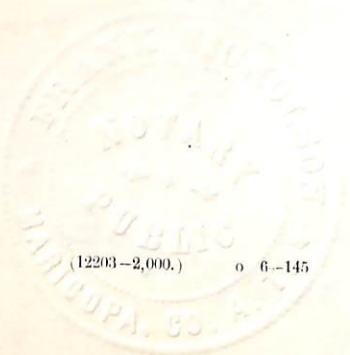
Frank Nicholson,
Notary Public.

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 "*Last Chance*",
more fully described in the preceding affidavit.

C. M. Smith, Flagman.

Subscribed and sworn to by the said *C. M. Smith*
before me this *27th* day of
April, 1891.

Frank Nicholson,
Notary Public.



Feet

Field Notes

of the survey of the
Last Chance Mining Claim
 in the Harcuwar 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 Gen-
 eral, under date, April 24, 1891.

Survey commenced, April 29, 1891.

Survey completed, May 25, 1891.

Description of Survey.

Beginning at initial mon. men-
 tioned in location notice, and
 marking Northerly 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 L. C. J. M. No. 1.

Thence S. $88^{\circ} 23' E$.

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

50 In centre of gulch, a stream
 of flowing water, bro. N. and S.

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

Thence S. $1^{\circ} 37' W$.

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

1500 In 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 L. C. No. 3.

Thence N. $88^{\circ} 23' W$.

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

300 In loc. mon. for southerly
 end centre of claim, where

Feet

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 L. C. No. 4.

Thence N. 88° 23' W. (same course).
Var. 13° 3' E.

45 To centre of reservoir of the Yuma Copper and Silver Mining Company.

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 L. C. No. 5.

W. Min. Mon. No. 2 bis. N. 80° 27' E. 1949 ft.
Thence N. 1° 37' E.
Var. 13° 3' E.

1500 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 L. C. No. 6.

Thence S. 88° 23' E.
Var. 13° 3' E.

300 To mon. and post L. C. I. M. No. 1, place of beginning.

Area.

Total Area of Claim 20.66 acres.

No conflict

Net area of claim 20.66 "

Location.

This claim is located on unsurveyed land in the Navaho Mountains 3 miles N. W. of the Smelting Works of the Yuma Copper and Silver Mining Company; 3 1/2 miles W. of Tulture; and

12½ miles N. of Queen's Wells.

Improvements

made upon this claim by claimant, consist of a shaft 4½ ft. x 7 ft., 5 ft. deep, N. 1° 37' E., 160 ft. from Post L.C. No. 4.

A mountain reservoir built of stone and Portland Cement 50 ft. x 30 ft. and 10 ft. deep, N. 88° 23' W. 45 ft. from Post L.C. No. 4.

This reservoir was built for the purpose of giving a head of water for the pipe line built by applicant to convey water from this claim to applicants' smelting works located on the Fond du Lac mining claim.

This reservoir is partly on the Last Chance and partly on the West End mining claim, these claims having an end line in common.

This reservoir cost \$3,000.00 and was built to develop the Last Chance and West End claims.

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

Instruments used, an improved Batten 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.

Harwar, Ariz.,

May 26, 1891.

Affidavit of Five Hundred Dollars Improvements.

We, jos L Obermüller and John Harvey

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

"Last Chance"

mining claim, situated in

Narcowan

Mining District, Maricopa County,

Arizona Territory, for which The Yuma Copper and Silver Mi-

ning 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.

Jos L Obermüller

John Harvey

TERRITORY OF ARIZONA,
County of Maricopa } ss.

SWORN to and subscribed before me, this 15 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 Yuma Copper and Silver Mining Company
 known as the "Last Chance"
 and showing the respective capacities in which they acted.

- Frank Obermüller, Chairman.
- B. Matthews, Chairman.
- Frank Strauer, Assman.
- O. M. Smith, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Frank Obermüller, B. Matthews, Frank Strauer
 and O. 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 Yuma Copper and
Silver Mining Company
 known as the "Last Chance"
 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, Assman.
- O. M. Smith, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 26th day of May, 1891.

Frank Nicholson,
 Notary Public.



(4-686.)

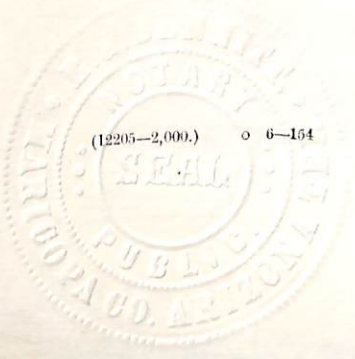
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

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 24, 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 Thyuma Copper and Silver Mining Company, known as the "Last Chance" situate in Marcuwa Mining District, Maricopa County, Arizona in Section Township No. Range No. and designated as Survey No. 1,008. Lot No 66, 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, a Notary Public in and for Maricopa County this 26th day of May, 1891.

E. J. Bennett
Notary Public



Notice of Location

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 linear feet, along the course of this lead, lode, or vein of mineral-bearing quartz, three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Harewar Mining District, County of Yuma, Arizona, and more particularly described as follows to wit:—

Commencing at this monument of stones, being the center of the East End of this claim, and upon which this notice is posted; thence North 300 feet to a monument of stones; thence West 1500 feet to a monument of stones; thence South 300 feet to a monument of stones; being the center of the West End of claim; thence South 300 feet to a monument of stones; thence 1500 feet to a monument of stones; thence North 300 feet to the place of beginning. This claim is about $3\frac{1}{2}$ miles N. West of the Smelting Works of the Yuma C. & S. Mfg Co. in the Harewar Mountains and shall be

Known as the Last Chance Mine

Located January 23-1891

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Witness
The Yuma Copper & Silver
Mining Company

J. H. Leibold

Recorded at the request of Frank Nicholson
January 26th 1891 at 5 O'clock P. M.

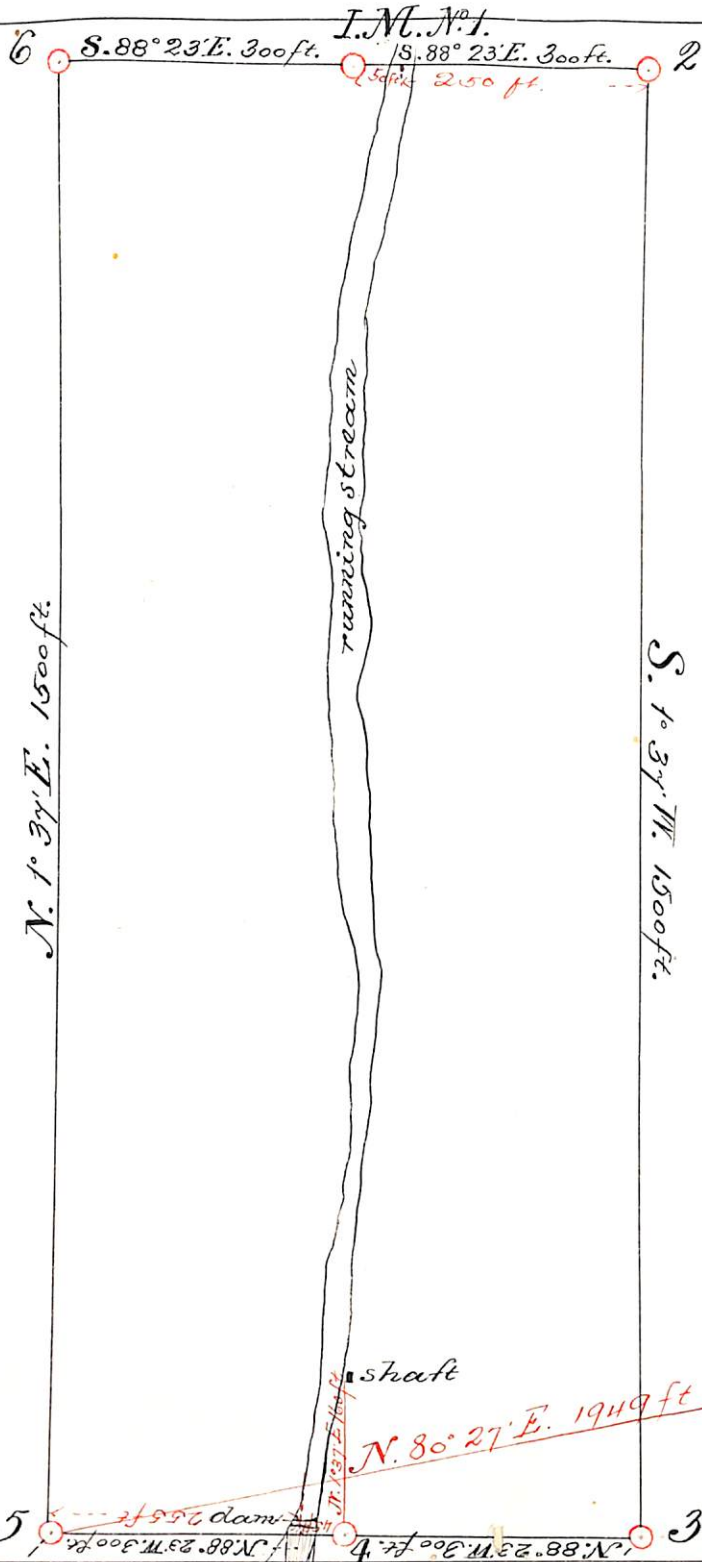
J. L. Redwood
County Recorder.

Territory of Arizona
County of Yuma

I hereby certify that the foregoing is a true and correct copy of the Last Chance Mining Claim as the same appears of record in Book "F" of Mines at page 265 Records of Yuma County

In Witness Whereof I have hereunto set my hand and affixed my official seal this 16th day of April A. D. 1891

J. L. Redwood
County Recorder
Yuma County A. T.



PLAT
of the survey of the
LAST CHANCE

Mining Claim
in the Harcuwar 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 24th., 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,

Yuma - 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 "Last Chance",

situate in Harcuwar mining district, Maricopa County, Arizona

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

and _____, designated as Survey No. 1008. Lot M66

executed by Frank Nicholson, U. S. Deputy Mineral

Surveyor, April 29th to May 25th, 1891, under my instructions dated

April 24th, 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. 1008
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Last Chance lode, Mineral Survey No. 1008, located in section 28, Township 9 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:

"Last Chance lode, M.S. 1008, was canceled May 20, 2002, by memo 9605 (956) M.S. 1008, which is now a part of the original field notes."

May 20, 2002
Date


Chief Cadastral Surveyor of Arizona