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(4-683.)

Mineral Survey No. 910.

Lot No. 16.

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. J. Thompson

KNOWN AS THE

Empire No. 2.

Hualapai Mining District,

Hohokave County, Arizona

Section 27 & 34, Township 24 N., Range 18 West

Surveyed under instructions dated Dec 13th, 1889

by O. F. Kullmer
U. S. Deputy Mineral Surveyor

Claim located July 25th, 1889

Survey commenced January 3rd, 1890.

Survey completed January 5th, 1890.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, A. J. Shrope and Thomas B. Wolf, 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 E. F. Thompson

known as the Empire No 2, situate in Wallopai mining district, Mohave County, Arizona Territory in Section 27 & 34, Township No. 26. N., Range No. 18 West.

A. J. Shrope, Chainman.
T. B. Wolf, Chainman.

Subscribed and sworn to by the above-named persons before me this 3rd day of January, 1890

E. J. Goodman Recorder
By O. F. Kruener Deputy

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, E. H. Jones, 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 E. F. Thompson

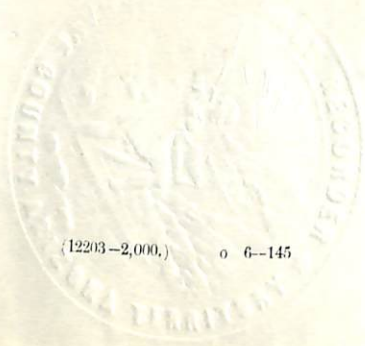
known as the Empire No 2, more fully described in the preceding affidavit.

E. H. Jones, Flagman.

Subscribed and sworn to by the said E. H. Jones before me this 3rd day of

January, 1890

E. J. Goodman Recorder
By O. F. Kruener Deputy



Field Notes
of the Survey of the

(Fwd.)

Empire No. 2. Mining Claim.
in the Wallapai Mining
District. Mohave County

Arizona Territory
Claimed by E. F. Thompson
Surveyed by O. F. Krenzel
U.S. Dept. Min. Surveyor
under instructions from
the Surveyor General
of date Dec. 13th 1889.

Survey commenced Jan 3^d 1890
" " completed " 5th "

Description of Survey.

Beginning at a mon-
ument on north boundary line
of claim, mentioned in Location
Notice, where I set a post
4 ft. long, 4 ins. dia. 1 1/2 feet
in ground and surrounded
same with mound of stones,
Post marked E. No. 2. I.

Location monument and
Post, marked E. No. 2. U. M. at
centre of claim bears S. 47° 50' W.
300 ft.

Juniper tree 1 ft. dia. marked
E. No. 2. I. B. P. bears N. 22° 55' W.
93 ft.

Thence S. 42° 10' E.

Var. 14° 20' E

650 to bottom of deep ravine. bears N. & S.
750 to loc. mon. where I set a post
4 x 4 ins. 4 ft. long 1 1/2 ft. in ground
and surrounded same with
mound of stones; Post marked
E. No. 2. II.

Pine stump 4 ft high 18 ins. dia.

Feet.

marked E. No. 2. B.P. bears N. 79° 20' E.
90 ft.

Fence S. 47° 50' W.
Var. 14° 20' E.

600 To loc. mon. where I set a post
4x4 ins. 4 ft. long, 1 1/2 ft. in ground
and surrounded same with
mound of stones; Post marked
E. No. 2. III.

Pine stump 2 ft. high, 1 ft. dia.
marked E. No. 2. III. B.P. bears S 10° 10' W.
59 ft.

Cor. to Secs. 2-3-34 and 35, Tps 23
and 24. N. R. 18 W. bears S. 8° 05' E.

5165 ft. [Corner stake to Secs 26-27-
34 and 35. Tp. 24 N. R. 18 W. could
not be found on the ground. ~~Bears N. 76° 20' E. 725 ft.~~]

N. W. Cor. Schenectady mine
bears S. 4° 10' E. 3948 ft.

Fence N. 42° 10' W.
Var. 14° 20' E.

- 250 To wagon road, bears N. and S.
- 400 to Empire creek bears NW and S.E.
- 616 to " " " " " " " "
- 750 to wagon road bears NW and S.E.
- 1000 " " " " " " " "
- 1500 to west bank of creek and loc.

mon. where I set a post 4x4 ins.
4 ft. long, 1 1/2 ft in ground and
surrounded same with mound
of stones; Post marked E. No. 2. IV.

Juniper stump 2 1/2 ft. high, 20
ins. dia. marked E. No. 2. IV B.P.
bears N. 39° 40' W. 82 ft.

Fence N. 47° 50' E.
Var. 14° 20' E.

111 to wagon road, bears N and S.

600 To loc. mon. where I set a post
4x4 ins. dia. 4 ft. long, 1 1/2 ft in ground
and surrounded same with
mound of stones; Post marked E. No. 2. IV.

Feet.

Juniper tree, 10 ins. dia. marked
E. No. 2. V. B.P. bears N. $70^{\circ} 40' W.$ 47 ft.

Top of highest Peak north of Empire
No. 2 mine bears N $27^{\circ} 20' E.$

Thence S. $42^{\circ} 10' E.$

Var. $14^{\circ} 20' E.$

220 To Top of hill

750 to loc. mon. marked E. No. 2. I.
and place of beginning.

Area.

Total area of claim 20.66 acres

Location.

This claim is located in Sec 34
and 27 Tp 24 N. R. 18 W.

Improvements

made upon this claim by
claimant or grantors con-
sist of a tunnel 60 ft. long,
S. $42^{\circ} 10' E.$ 15 ft. from post
marked E. No. 2. U. M.

Shaft 4' x 7'. 80 ft. deep, with
levels at bottom, N. $42^{\circ} 10' W.$ 51
ft. from post marked E. No. 2. S. M.

Improvements made by
other parties consist of a shaft
4½' x 8', 190 ft deep S. $80^{\circ} 05' E.$
57½ ft from post marked
E. No. 2. IV

Instruments used, a Teller
and Brightley Transit with
solar attachment and 50 ft. steel
chain

Variation and courses taken by

Solar apparatus and vernier
readings.

O. F. Knicker

U.S. Deputy Min. Surveyor

Kingman A. T. Jan 10th 1890

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

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WE, John Madden and C. Larsen
of lawful age, being first duly sworn according to law, depose and say
that we are acquainted with the Empire No 2
Mining Claim, situated in the Wallapai Mining District, Mohave County,
Arizona Territory, for which E.F. Thompson, has made application for
survey prior to application for patent under the provisions of the
Act of Congress approved May 10th. 1872, and that the labor done and
improvements made thereon by the applicant and his grantor - ex-
ceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

John Madden
C. Larsen

TERRITORY OF ARIZONA,)
) SS.
County of Mohave.)
)

SWORN to and subscribed before me, this 5th
day of January 1890.

E. J. Gudman Recorder
By O. F. Knencer Deputy



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by O. F. Knencer
 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 E. F. Thompson
 known as the Empire No 2
 and showing the respective capacities in which they acted.

A. J. Shrope, Chairman.
J. B. Wolf, Chairman.
 _____, Axman.
E. H. Jones, Flagman.

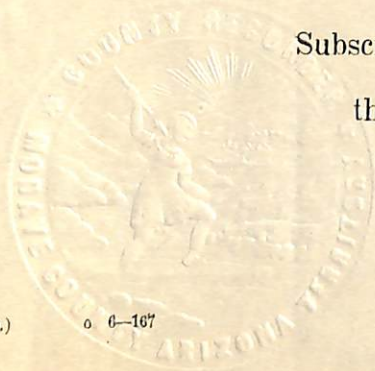
FINAL OATHS OF ASSISTANTS.

We, A. J. Shrope - J. B. Wolf
 and E. H. Jones, do solemnly swear that we assisted O. F. Knencer
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of E. F. Thompson
 _____, known as the Empire
No 2, 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.

A. J. Shrope, Chairman.
J. B. Wolf, Chairman.
 _____, Axman.
E. H. Jones, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 5th day of January, 1890

E. J. Goodman Recorder
 By O. F. Knencer
 Deputy



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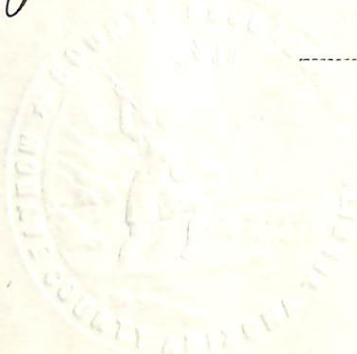
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, O. F. Kuencer, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona Territory, dated December 13th, 1889, 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 E. F. Thompson, known as the Empire No 2 mining claim, situate in Wallapai Mining District, Mohave County, Arizona Territory in Sections 27 and 24, Township No. 24 N, Range No. 18 W and designated as Survey No. 910, 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 his 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.

O. F. Kuencer
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said O. F. Kuencer,
U. S. Deputy Mineral Surveyor, before me E. J. Godman
County Recorder this 5th
day of January, 1890.

E. J. Godman
County Recorder



Empire No 2

Wallapai Dist.

Notice of Location

Know all men by these Presents, That I the undersigned, have this day located fifteen hundred (500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations with surface ground three hundred (300) feet on each side of the centre of vein, with all 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 the United States mining laws, under which it is located. This claim commences at this monument and notice placed upon the ledge, and runs seven hundred and fifty feet in a westerly direction and seven hundred and fifty feet in an easterly direction along the ledge. The exterior boundaries are as follows, to wit. Commencing at a monument of stone on north boundary line distant three hundred (300) feet in a northerly direction from discovery monument, thence in a westerly direction parallel with the ledge 750 feet to monument of stone at N. W. Corner of claim. thence in an southerly direction at right angles across the ledge six hundred (600) feet to monument of stone at S. W. Corner of claim. thence in an easterly direction parallel with the ledge of fifteen hundred (1500) feet to monument of stone at S. E. Corner of claim. thence at right angles across the ledge in a northerly direction six hundred (600) feet to monument of stone at N. E. Corner of claim. thence in a westerly direction parallel with

the ledge 750 feet to monument on north boundary
and place of beginning.

This ledge may be more generally described as situated
About $\frac{1}{2}$ mile North west of the Schuykill mine
and about $\frac{1}{4}$ mile North of the town of Chloride
and formally known as the Empire mine, In Maricopa
Mining District Mohave County, Arizona Territory
and shall be known as the Empire No 2 mining
Claim, Dated on the ground, this 25th day of July
1889

E. F. Thompson

(For Centre of Claim)

Recorded at the request of E. F. Thompson July 30th
AD 1889 at 20 minutes past 10 o'clock A. M.

E. J. Godman
County Recorder

Territory of Arizona } ss.
County of Mohave } 3

J. E. J. Godman County Recorder

in and for Mohave County, Arizona Territory, do
hereby certify that the above and foregoing is a
full, true and correct copy of the location notice
of the Empire No. 2 Mining Claim as the same appears
of record in my office in Book K Page 539

Mining Records of Mohave County Arizona Territory

In Witness Whereof, I have hereunto set my
hand and affixed my official seal this 10th
day of December AD 1889

E. J. Godman
County Recorder

PLAT OF THE EMPIRE NO. 2

MINING CLAIM,

Situate in Mohave Mining District,

COUNTY OF MOHAVE,

AND IN

SECTIONS 27 AND 34, T₁P. 24, N. R. 18, W.

GILA AND SALT RIVER MERIDIAN,

ARIZONA,

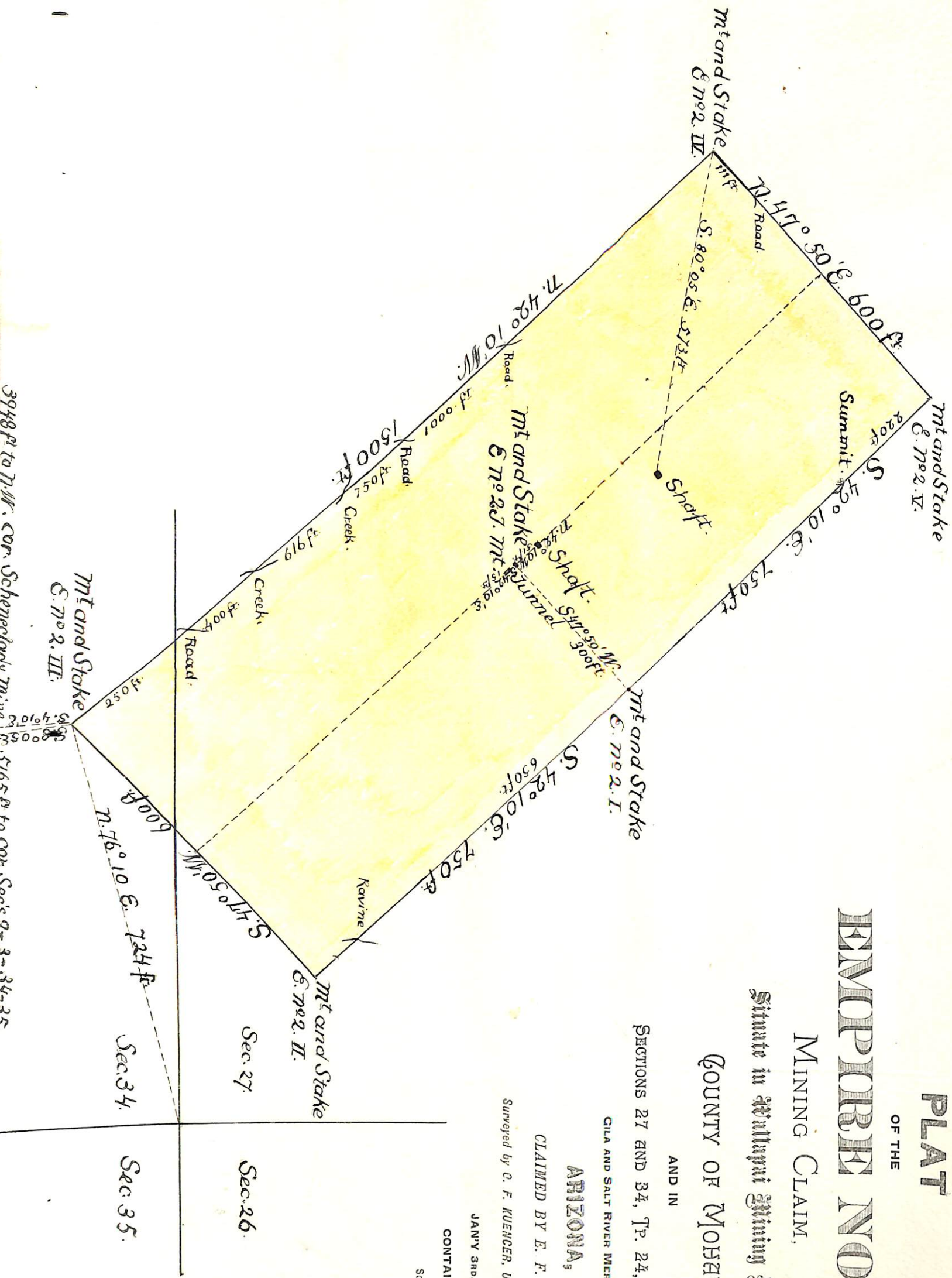
CLAIMED BY E. F. THOMPSON.

Surveyed by O. F. KUENCER, U. S. Deputy Surveyor,

JANUARY 3RD, 4TH, AND 5TH, 1890.

CONTAINING 20,666 ACRES.

Scale 200 Feet to an Inch.



(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

January 30th, 1890.

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

E. F. Thompson

_____ known as the
Empire No. 2

situate in ~~*Mohave*~~ *Wallapai* mining district,

Mohave County, *Arizona Territory*

in Section *27+34*, Township No. *24N*, Range No. *18 West*

_____, designated as Survey No.

910.

executed by

O. F. Kuesner

, U. S. Deputy Mineral

Surveyor *January 25th, 1890*, under my instructions dated

Dec 13th, 1889, 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.

Raymond Johnson

U. S. Surveyor General for

Arizona

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