

Sept. 12, 1910 1

12-24-10.

F.L.

(4-683.)

Mineral Survey No. 2857

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Arizona Copper Company,

KNOWN AS THE

Iron King, First West Extension of the Thompson, Norfolk, and

Margarita, Copper Mountain Mining District,

Graham County, Arizona. Approximately

Sections 20 and 21 *Uns.*, Township 4 S., Range 29 E.,

Surveyed under instructions dated August 29, 1910.

by Lamar Cobb
U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced Sept. 1, 1910

Survey completed Sept. 8, 1910

o 6-129

Address:

J.R. Hampton, Attorney for the Claimant,
Clifton, Arizona.

Survey No. 2857.

Iron King lode

Beginning at Cor. No. 1.

Identical with Cor.No.3, Lot No. 50, Thomson lode.

A pine post, in place, 4x6 ins., 3.5 ft. above ground,
with mound of stone, scribed I.K.-2857, whence

No bearings available.

U.S.M.M., No. 4 bears N. 42°34'E., 1496.3 ft.

Thence S. 11°39'E.

300. End center of the location and lode.

600. To Cor. No.2.

A pine post, in place, 4x6 ins., 3.5 ft. above ground,,
with mound of stone, scribed I.K.2-2857,

No bearings available.

Thence S. 78°21'W.

170. Intersect road, course from North to South.

940.5 Intersect line 1-2, Sur. No. 2609, Tomb Stone lode, at
S. 44°23'E., 137.8 ft. from Cor. No.1.

1151.58 Intersect line 4-1, Sur. No. 2609, Tomb Stone lode, at
S. 41°13'W., 178.08 ft. from Cor. No.1.

1476.4 To Cor. No.3.

A pine post, in place, 4x6 ins., 3 ft. above ground,
with mound of stone, scribed I.K.3-2857,

No bearings available.

Thence N. 11°39'W.

300. End center of the location and lode.

555.6 Cor. No.2, First West Extension of the Thompson lode, of
this survey.

600. To Cor. No.4.

A pine post, in place, 4x6 ins., 3.5 ft. high, with
mound of stone, scribed I.K.4-2857, whence
Across (X) and B.R.4-2857, chiseled on porphyry bed rock,
1x1 ft., facing North, bears S. 56°40'W., 4.4 ft.

Feet

Thence N.78°21'E.

0.48 Cor.4, Lot No. 50, Thomson lode, and intersect line 1-2,
First West Extension of the Thompson lode of this sur., whence,
Cor. No.2, First West Extension of the Thompson lode, of
this survey, bears S,11°08'E., 44.4 ft.
1226. Intersect road, course from Northwest to Southeast.
1476.4 To Cor. No. 1, the place of beginning.

First West Extension of the Thompson lode

Beginning at Cor. No.1.

Identical with Cor. No. 6, Lot No. 50, Thomson lode,
and with Cor. No.1, Sur. No.1172, Crescent lode.

A pine post, in place, 4x6 ins., 3.5 ft. above
ground, scribed F.W.E.T.1-2857, whence
Across (X) and B.R.1-2857, chiseled on porphyry bed
rock, 1x1 ft., facing Southeast, bears S.80°W., 26.3 ft.
U.S.M.M., No. 4. bears N.72°28'E., 2698 ft.

Thence S.11°08'E.

321.5 End center of the lode, monument obliterated.
598.2 Cor. No.4, Lot No. 50, Thomson lode, and intersect line
4-1, Iron King lode, of this survey, at N.78°21'E.,
0.48 ft., from Cor. No.4.
642.6 To Cor. No.2.
On line 3-4, Iron King lode, at S.11°39'E., 44.4 ft.
from Cor.No. 4.

A pine post, in place, 4x6 ins., 3.5 ft. above
ground, with mound of stone, scribed F.W.E.T.2-2857.

No bearings available.

Thence S.57°57'W.

1084. Intersect road, course from Northwest to Southeast.
1499. To Cor. No.3.
On line 1-2, Norfolk lode, of this survey.

A pine post, in place, 4x6 ins., 3.5 ft. above
ground, with mound of stone, scribed F.W.E.T.3-2857,
whence

Feet

Across (X) and B.R.3-2857, chiseled on shale bed rock,
3x6 ft., facing Southeast, bears N.59°W., 35.6 ft.

Thence N.11°02'W.

224.6 Intersect road, course from East to West.

321.3 End center of the location and lode.

642.6 To Cor. No.4.

On line 7-8, Sur. No.1172, Crown lode.

Identical with Cor.No. 1, Norfolk lode, of this survey.

A pine post, in place, 4x6 ins., 5.5 ft. above
ground, with mound of stone, scribed N.1, F.W.E.T.4-
2857, whence

Across (X) and B.R.1-4-2857, chiseled on porphyry bed
rock, 2x2 ft., facing South, bears N.14°44'E., 38.5 ft.

Thence N.57°57'E.

40. Intersect gulch, course from East to West.

869.2 Cors. Nos. 7-8, Crown and Crescent lodes, Sur.No.1172, respectively.

1499. To Cor. No. 1, the place of beginning.

Norfolk lode

Beginning at Cor. No.1.

On line 7-8, Sur. No.1172, Crown lode.

Identical with Cor. No.4, First West Extension of the
Thompson lode, of this survey, heretofore described.

U.S.M.M. No.4 brs. N. 67° 18' E. 4166.2 ft.

Thence S.11°02'E.

366.5 End center of the location and lode.

418. Intersect road, course from East to West.

642.6 Cor. No.3, First West Extension of the Thompson lode,
of this survey.

733. To Cor. No.2.

A pine post, in place, 4x6 ins., 5.5 ft. above ground,
with mound of stone, scribed N.2-2857,

No bearings available.

Feet	Thence S.43°45'W.
1500	To Cor. No.3. On line 1-2, Margarita lode, of this survey. A pine post, in place, 4x6 ins., 5 ft. above ground, with mound of stone, scribed N.3-2857, No bearings available. ----- Thence N.11°00'W.
366.5	End center of the location and lode.
622.9	Cor. No.1, Margarita lode, of this survey.
733.	To Cor. No.4. A pine post, in place, 4x4 ins., 3 ft. above ground, with mound of stone, scribed N.4-2857, whence Across (X) and B.R.4-2857, chiseled on porphyry bed rock, 1x3 ft., facing West, bears N.67°55'W., 9.9 ft. ----- Thence N.43°45'E.
820.	Intersect gulch, course from Southeast to Northwest.
860.	Intersect road, course from Southeast to Northwest.
1500.	To Cor. No.1, the place of beginning. ----- Margarita lode Beginning at Cor. No.1. On line 3-4, Norfolk lode, of this survey. A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed M.1-2857, whence No bearings available. U.S.M.M. No. 4 bears N.60°03'E., 5,608.1 ft. ----- Thence .11°00'E.
415.	End center of the location and lode.
622.9	Cor. No.3, Norfolk lode, of this survey.
830.	To Cor. No.2. A pine post, in place, 4 ins. square, 3 ft. above

Feet

ground, with mound of stone, scribed M.2-2857, whence
Across (X) and B.R.2-2857, chiseled on shale bed rock,
1x2 ft., facing South, bears S.37°23'E., 28.1 ft.

Thence S.34°52'W.

1500. To Cor. No.3.

A pine post, in place, 4x6 ins., 3 ft. above ground,
with mound of stone, scribed M.3-2857.

No bearings available.

Thence N.11°02'W.

415. End center of the location and lode.

850. To Cor. No.4.

A pine post, in place, 4x6 ins., 3 ft. above ground,
with mound of stone, scribed M.4-2857.

No bearings available.

Thence N.34°52'E.

1500. To Cor. No.1, the place of beginning.

Variations at all corners 13°30'E.

LODE LINES.

As near as can be determined from present develop-
ments, the veins of the several locations embraced in
this claim extend, as follows, from their respective
discovery points:

Iron King lode, 566.4 ft., S.78°21'W. and 910 ft.,
N.78°21'E.

First West Extension of the Thompson lode; 1303 ft.,
S.57°57'W., and 196 ft., N.57°57'E.

Norfolk lode; 160 ft., S.43°43'W. and 1340 ft., N.45°45'E.

Margarita lode; 205 ft., N.34°52'E. and 1295 ft.,
S.34°52'W.

AREA	Acres
Total area Iron King lode-----	20.536
Area in conflict with Tomb Stone lode, Sur. No. 2609,	
Total area First West Extension of the	.260
Thompson lode-----	20.642*
Area in conflict with;	
Iron King lode, of this survey-----	0.000+
Total area Norfolk lode-----	20.613*
Total area Margarita lode-----	20.528*

The survey of each lode of this location is identical with the respective locations, as staked upon the ground.

LOCATION

This survey is located, approximately, in Secs. 20 and 21, *unsurveyed*, T. 4S., R. 29E., Copper Mountain Mining District, Graham County, Arizona.

ADJOINING LODES

This claim is bounded on the North and West by Cuprite, Malachite, Poncey and Glance lodes, *unsurveyed*, Arizona Forenci Copper Co., claimant, Apache and Imperial lodes, *unsurveyed*, Sur. No. 1172, Crown and Crescent lodes, and Lot No. 50, Thomson lode, Detroit Copper Mining Co., claimant; on the East and South by the '97 lode and Chalkos Extn., lodes, Detroit Copper Mining Co., claimant, Pittsburg, *unsurveyed*, and Sur. No. 2609, Tomb Stone lodes, claimants unknown, Iron Queen and Stamboul lodes, *unsur.*, Detroit Copper Mining Co., claimant.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon each of the locations embraced in said mining claim by the claimant, or its grantors, is

not less than five hundred dollars, and that said improvements consist of:

Iron King lode

No. 1 The discovery of the Iron King lode, showing mineral, in place, in the outcrop, which is on the lode line, 506.4 ft. from line 3-4.

No. 2 A tunnel, the mouth of open cut approach to which, is on line-4-1, 626 ft. from Cor. No.4, running South 26 ft. in open cut, and 220. ft. in tunnel, 5x6 ft.

Value----- \$2200.00

First West Extension of the Thompson lode

No. 1 The discovery of the First West Extension of the Thompson lode, showing mineral, in place, in the outcrop, which is on the lode line, 196 ft. from line 1-2.

No. 2 A tunnel, the mouth of which bears from Cor. No.3, N.43°30'E., 281 ft., running N.36°50'E., 139 ft., 5x6 ft.

Value----- \$1390.00

Norfolk lode

No. 1 The discovery of the Norfolk lode, showing mineral, in place, in the out crop, which is on the lode line, 160 ft. from line 3-4.

No. 2 A shaft, which bears from Cor. No.4, S. 42°54'E., 367 ft., 85 ft. deep, 4x6 ft.

Value----- \$1020.00

Margarita lode

No. 1 The discovery shaft, which is on the lode line, 205 ft. from line 1-2, 85 ft. deep, 4x6 ft.

Value----- \$1020.00

INSTRUMENT

This survey was made with a Buff and Berger Transit. The courses were deflected from the true meridian, as determined by Polar observations. The distances were measured with 50 ft. and 500 ft. steel tapes.

Report

Lot. No. 50 Thomson lode:

Cors. Nos. 3, 4, & 6 are pine posts properly set and scribed.

Cor. No. 5 has been obliterated.

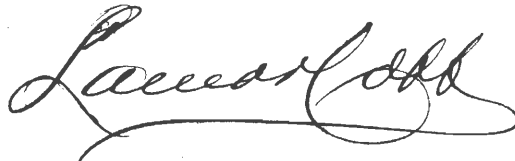
Sur. No. 1172, Crown and Crescent lodes.

Cors. Nos. 1, 2, 7, and 8 are pine posts properly set and scribed.

The end centers of all the lodes embraced in this claim are monuments of stone; the side center monuments have been obliterated.

The differences between these field notes and the location certificates are due to errors in the latter.

The differences between these field notes and the returns of Sur. No. 1172, Crown and Crescent lodes, Sur. No. 2609 Tombstone lode, and Lot No. 50 Thomson lode are due to errors in the latter.



U.S. Mineral Surveyor.

Sur. No. 2857

TERRITOR OF ARIZONA)
 COUNTY OF GRAHAM) ss.

-- John B. Molder, being first duly sworn, deposes and says that he is familiar with the First West Extension of the Thompson, Norfolk, Margarita, and Iron King Mine lode mining claims, situate in the Copper Mountain Mining District, Graham County, Arizona, for which The Arizona Copper Company has made application to the Surveyor-General for the District of Arizona for an official survey, as a basis for an application for patent to said claims, that he has actually been on these mining claims and has seen all the monuments of location defining the boundaries thereof, as are described in the location notices of said lode claims on which this survey is based; that the original end and side center monuments of location were actually established on the ground by the locators at the approximate centers of the end and side lines of these claims; that said end and side center monuments of location were not situate within the boundaries of said lode claims, as defined by straight lines connecting the respective corner monuments; and furthermore that he is not interested in said lode claims in any manner what soever.

John B. Molder
 Affiant.

Subscribed and sworn to before me this 21st day of December, 1910.

John R. Hampton
 Notary Public

My commission expires July 8, 1911.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lamar Cobb

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 Arizona
Copper Company,

known as the Iron King, First West Extension of the Thompson, Norfolk, and
Margarita

and showing the respective capacities in which they acted.

- E. T. Morton , Chainman.
- W. F. Collier , Chainman,
- , Axman. }
- , Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. T. Morton

and W. F. Collier , do solemnly swear that we assisted Lamar Cobb

..... , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of The Arizona Copper Company

known as the Iron King, First West Extension of the Thompson, Norfolk, and
Margarita

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.

- E. T. Morton , Chainman.
- W. F. Collier , Chainman,
- , Axman. }
- , Flagman.

Subscribed and sworn to by the above-named persons before me this 10th

day of September , 1910

Wade Hampton
Notary Public

My Commission expires Dec 27/1913

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Lemar Cobb, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 29, 1910, 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 Arizona Copper Company, known as the Iron King, First West Extension of the Thompson, Norfolk, and Margarita situate in Copper Mountain Mining District, Graham County, Arizona, approx., in Section ^{Uns,} 20 and 21 Township No. 4 S., Range No. 29 E. and designated as Survey No. 2857, 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.

Lemar Cobb
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said _____
 U. S. ~~Deputy~~ Mineral Surveyor, before me *Wade Hampton*
 this 10th
 day of September, 1910,

Wade Hampton
 Notary Public
 My commission expires Dec. 27/1913

AUG. 26 1910

TERRITORY OF ARIZONA, } ss. :
County of Graham,

I, D. H. Claridge, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following, is a true, full, and complete copy of the within mentioned Mining location notices, (Four in Number)

as the same appears of record in my office, in books 3, 10, & 11, of Records of Mines at page S 222, 199, 413, and 414.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office this

(SEAL)

24th, day of August 1910. A. D. 191

D. H. Claridge
County Recorder.

By Gillie Claridge Deputy

AMENDED LOCATION NOTICE.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN,- The Arizona Copper Company, has this 19th day of July, 1899. entered upon and located by right of discovery and location fifteen hundred (1500) feet of this vein, or lode, of mineral bearing rock together with three hundred (300) feet on each side of the centre of same, The name of this mining claim shall be the First west Extension of the Thompson and it is situated about one mile south west of the town of Morenci in Copper Mountain Mining District, County of Graham Territory of Arizona.

The general course of the vein, or lode is from the south west to the north east and we claim 196 feet in a N.58°04' E., direction and 1304 feet in a S.58°04' W. direction from the centre of discovery shaft at which this notice is posted lengthwise of the claim together with 300 feet in width on each side of the center of same. The surface boundaries are more particularly described as follows, to wit:-

Beginning at a monument at the centre of the north easterly end line of the claim, from which the discovery shaft bears S.58°04' W. 196, feet thence N.11°27' W., 320.2 ft. to a stake at the N.E.Cor. this Cor. is identical with the N.W. Cor. of Thompson Lode. U.S. Patent Lot No. 50, thence S.58°04' W. 750 feet to a monument thence S.58°04' W., 750 feet to a stake at the N.W. corner, thence S. 11°27' E. 320.2 ft to a monument at centre of the south west end line of claim, thence S.11°27' E. 320.2 ft. to a stake at the S.W. Cor of claim thence N.58°04' feet to a monument thence N.58° 04' E. 750 feet to a stake at the S.E. Cor. of claim, thence N°11°27' W., 320.2 ft. to the place of beginning.

This amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location.

All done under the provisions of Chapter Six, of Title Thirty Two, of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March, 20th, 1895.

Dated on the ground this 19th day of July 1899.

Witness W.J. Atkinson
Thomas J. Knox.

The Arizona Copper Co.
Locators.
By James Colquhoun, Agent.

Date of original Location Jan; 1st. 1882. Date of Recording Jan. 9th, 1882.

Book 1, pages 450-451.

Recorded the 14th day of Sept. 1899. at 2 o'clock P.M. at the request of Arizona Copper Co.

PEDRO MICHELENA COUNTY RECORDER.
By Fred Dysart, Deputy.

NOTICE OF LOCATION.

NOTICE is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10th 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 Copper Mountain Mining District, County of Graham, Arizona, and more particularly described as follows to-wit:

Commencing at this mon. of stones, being the center of the west end of claim, and upon which this notice is posted. thence southerly three hundred feet to a mon. of stones, thence easterly fifteen hundred feet to a mon of stones thence three hundred feet northerly to a mon. of stones being the center of the east, and of claim; thence northerly three hundred feet to a mon. of stones; thence westerly fifteen hundred feet to a mon. of stones @ thence southerly three hundred feet to the place of beginning.

This claim is situated on the south side of the Thompson Mine (a patented mine) joining on the same, and shall be known as the Iron King Mine,

Located July 6th A.D. 1883.

Witnesses	Al. S. Stevens. J. Humphries	Mose V. Stevens A. E. Campbell E. N. Stevens Al. Harwood.	Locators.
-----------	---------------------------------	--	-----------

Copper mountain Mining District, Graham Co. Arizona Territory, I hereby certify that the foregoing notice of location of Iron King was filed for Record in my office on July 10th A.D. 1883, at 2 o'clock P.M. and duly recorded on page 270 of book "C" of records of said District.

Recorded at the request of Sig Weisl Aug 28, 1883, at 9:45 o'clock A.M.

Pablo Salcido Co. Recorder
By P. Michelena Deputy.

AMENDED LOCATION NOTICE.

LODE CLAIM.

To all whom it may concern :- The Arizona Copper Company has this 19th day of July, 1899. ENTERED upon and located by right of discovery and location fifteen hundred (1500) feet of this vein or lode of mineral bearing rock, together with three hundred (300) feet on each side of the center of same. The name of this mining claim shall be the Norfolk and it is situated about one mile and a half south west of the town ^{OF} Morenci in Copper Mountain mining district County of Graham, Territory of Arizona.

The General course of the vein or lode is from the south west to the north east and we claim 1340 feet, N.43°30'E., direction and 160 feet in a S.43°30' W. direction from the centre of discovery shaft at which this notice is posted, lengthwise of the claim, together with 300 feet inwidth on each side of the centre of same.

The surface boundaries are more particularly described as follows, to-wit: - Beginning at a monument at the center of the south westerly end line of claim, from which the discovery shaft bears N.43°30' E. 160 feet thence N.11°27'W., 368 feet to a stake at the N.W.cor. thence N.43°30' E., 750 feet to a monument thence N.43°30'E., 750 feet to a stake at the N.E.cor.

This cor. is on the south easterly side line of the Crown Lode U.S.Patent Lot N.1172 also identical with the N.W.cor. of First West Ext. of Thompson Lode thence S.11°27'E., 368 feet to a monument at the center of the north easterly end line of claim thence S.11°27' E. 368 feet to a stake at the S.E.Cor. thence S. 43° 30' W., 750 feet to a monument thence S.43°30' W., 750 feet to a stake at the S.W.cor. Thence N.11°27' W., 368 feet to the place of beginning.

This amended certificate of location is made without ~~waiver~~ of any previously acquired rights, ~~but for the purpose rights~~, but for the purpose of correcting any errors in the original location.

All done under the provisions of Chapter Six, of Title Thirty Two, of the Revised Statutes of the United States and of an act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March 20th 1895,

Dated on the ground this 19th day of July 1899.

Witness W.J. Atkinson
Thomas J. Knox.

The Arizona Copper Co.
Locators.
By James Colquhoun, Agent.

Recorded the 14th day of Sept. 1899. at 2 o'clock, P.M. at the request of
Arizona Copper Co.

PEDRO MICHELENA, County Recorder
By Fred Dysart, Deputy.

AMENDED LOCATION NOTICE.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN: The Arizona Copper Company has this 10th day of November, 1898, entered upon and located by right of discovery and location 1500 feet of this vein, or lode, of mineral bearing rock, together with 300 feet in each side of the center of same. The name of this Mining claim shall be the Margarita and it is situated about one mile and a half in a South West-erly direction from town of Morenci, in Copper Mountain mining District, County of Graham, Territory of Arizona, The general course of the vein, or lode, is from the South west to the North East. The surface boundaries are more particularly described as follows to-wit:- Beginning at a monument at the center of the North east end line of the claim, from which the discovery shaft bears S.34°52' W. 50 feet, thence S.11°15'E.213.3 ft. to the S.W. cor. of Norfolk Lode thence S.11°15' E. 202.9 ft to the S.E.cor. thence S.34°52' West 1500 feet to the S.W. cor. thence N.11°15'W. 8324 ft to the N.W. cor. thence N.34°52'E.1500 ft. to the N.E.Cor. thence S.11°15'E.416.2 ft. to the place of beginning.

This amended certificate of location is made without waiver of previous rights but for the purpose of correcting any errors in the original location, description or record.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona entitled "An Act Concerning Mines" approved March, 20, 1895,

Dated on the ground, this 10th day of November, 1898.

Witness W.J. Atkinson
G.A. Smith.

The Arizona Copper Co.

Pr. James Colquhoun, Agent.
Locators.

Recorded at request of Arizona Copper Co. Nov. 14, 1898, at 11 o'clock, A.M.

P. MICHELENA, Recorder.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 6, 1911, 190

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

The Arizona Copper Company,

known as the IRON KING, FIRST WEST EXTENSION OF THE THOMPSON, NORFOLK and MARGARITA, situate in COPPER MOUNTAIN

Mining District, GRAHAM County, ARIZONA, approx.

Uns., in Sections 20 and 21 Township No. 4 S., Range No. 29 E., and

designated as Survey No. 2857, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimant or its grantors, and that said improvements consist of 1 cut, 2 tunnels and 2 shafts, total value \$5630.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona,

is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona,

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

January 6, 1911., 190.

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 Arizona Copper Company,

, known as the

IRON KING, FIRST WEST EXTENSION OF THE THOMPSON, NORFOLK and MARGARIA,

situate in COPPER MOUNTAIN mining district,

GRAHAM County, Arizona, approximately

in Section s 20 and 21^{Uns.}, Township No. 4 S., Range No. 29 E.

, designated as Survey No. 2857

executed by Lamar Cobb, United States Mineral

Surveyor, September 1 - 8, 1910., 190., under my instructions dated

August 29, 1910., 190., have been critically examined and the necessary cor-

rections 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.

Frank D. Lyzath

U. S. Surveyor-General for Arizona,