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Placer Survey
1899
Walled

(4-683.)

Mineral Survey No. 1432

Lot No. _____

Gila Land District.

FIELD NOTES

Mill site
OF THE SURVEY OF THE ~~MINING~~ CLAIM OF

Ray Mines Company

KNOWN AS THE

Pinal Copper Co. Mill site

Mineral Creek Mining District,

Pinal County, Arizona Territory

Section _____, Township 20, Range 13E

Surveyed under instructions dated Dec 20th, 1899

by William H. Burnett

U. S. Deputy Mineral Surveyor.

Claim located January 23rd, 1881

Survey commenced January 11th, 1890.

Survey completed January 12th, 1890.

6-160

Address

S. M. Franklin Esq

Atty

Incson Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Rob A Merritt and _____
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 ^{Mill site} Mining Claim of Ray Mines Company
_____, known as the
Prinal Copper Co. Mill site
situate in Mineral Creek mining district,
Prinal County, Arizona Territory,
in Section _____, Township No. _____, Range No. _____.

Rob. A. Merritt, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 10th day of January, 1900.

W. H. Merritt
Notary Public
My com. expires Aug 16th 1901

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, _____, 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 _____

known as the _____,
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
_____ before me this _____ day of
_____, 18 _____.



SURVEY NO. 1432.
 PINAL COPPER CO. MILL-SITE.

Feet. Beginning at Cor. No. 1. Identical with location.
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, scribed 1-1432, whence,
 The West $\frac{1}{4}$ Cor. section 7, T.4 S. R. 14 E. G & S. R. B & M. bears S. $50^{\circ} 25' E.$ 3013 feet. No other bearings available.
 Thence S. $8^{\circ} 55' W.$

466.5 To Cor. No. 2. Identical with location.
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high, scribed 2-1432.
 A Cottonwood 32 ins. diam. blazed and scribed B. T. 2-1432, bears S. $0^{\circ} 05' W.$ 100.4 ft.
 A Cottonwood 36 ins. diam. blazed and scribed B.T. 2-1432, bears S. $48^{\circ} 50' W.$ 155.2 ft.
 Center of a well 28 ft. deep, bears N. $40^{\circ} W.$ 271 ft.
 The S. E. Cor. of smelter building, bears N. $32^{\circ} 35' W.$ 261.9 ft.
 Thence N. $81^{\circ} 05' W.$

466.5 To Cor. No. 3. Identical with location.
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high, scribed, 3-1432,
 No bearings available.
 Thence N. $8^{\circ} 55' E.$

175. Ascend about 20 ft. to bench, bears N. $85^{\circ} W.$ and S. $85^{\circ} E.$

466.5 To Cor. No. 4. Identical with location.
 A pine post, 4 ft. long, 4 ins square, set 18 ins. in the ground, surrounded by mound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high, scribed 4-1432.
 The S. W. Cor. of Store house bears N. $26^{\circ} 25' W.$ 120.2 ft. No other bearings available.
 Thence S. $81^{\circ} 05' E.$

466.5 To Cor. No. 1 the place of beginning.
 Containing 5 acres.
 Variations at all corners $13^{\circ}.$

LOCATION.

This claim is located on unsurveyed land, in what will be when surveyed, T.4 S. R.13 E.G.& S.R.B.& M. in Mineral Creek Mining District, Pinal County, Arizona Territory.

ADJOINING CLAIMS.

This claim is bounded on the north by the Consuelo Mill- site claim, unsurveyed. On the east by the Deputy Mill-site claim, unsurveyed. On the west by the Bishop Mill-site claim, unsurveyed. all owned by claimant herein.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors, is not less than five hundred dollars, and that said improvements consist of:

A 30 ton smelter, the S. E. Cor. of which bears from Cor. No. 2, N. 32° 35' W. 261.9 feet.

Value #1000.00.

A well 28 ft. deep, the center of which bears from Cor. No. 2, N. 40° W. 271 feet.

Value \$100.00.

Y

This survey was made with a Gurley Light Mountain Solar Transit. The courses were deflected from the true meridian as determined by solar observations, Checked by observation on Polaris at 11 h. 52 min. P. M. 1. m. t. January 11th, 1900. The distances were measured with a 100 ft. steel tape.

William H. Merritt

U. S. Dep. Min'l Surveyor.

Florence, Arizona.

January 13th, 1900.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William A. Merritt
 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 ^{Mill site} ~~mining~~ claim
 of Ray Innis Company
 known as the Pinal Copper Co. Mill site
 and showing the respective capacities in which they acted.

- Rob A Merritt, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Rob A Merritt
 and....., do solemnly swear that we assisted William A Merritt
A Merritt, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the ^{Mill site} ~~mining~~ claim of Ray Innis Company
 known as the Pinal
Copper Co. Mill site, 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

- Rob A Merritt, Chainman.
-, Chainman.
-, Axman .
-, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 13th day of January, 1900

W. H. Merritt
 Notary Public
 My Com Expires Aug 16th 1901

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, William A. Merritt, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Decr 20th 1899, 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 ^{Millstone} ~~Mining~~ Claim of Ray Mines Company, known as the Prinal Copper Co. Millstone, situate in Prinal Creek Mining District, Prinal County, Arizona Territory in Section _____, Township No. _____, Range No. _____ and designated as Survey No. 1432, 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 them 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.

William A. Merritt
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said William A. Merritt
U. S. Deputy Mineral Surveyor, before me Daniel C. Stevens
this 13th
day of January 1900,

Daniel C. Stevens



TERRITORY OF ARIZONA.

County of Criol.....

} ss.

I, Daniel C. Stearns, Clerk of the District Court of the Second Judicial District of the Territory of Arizona, which is a Court of Record in and for said County, do hereby certify: That Frank J. London, Esq., whose name is subscribed to the ~~certificate of proof or acknowledgment~~ ^{affidavit} of the annexed instrument and thereon written, was, at the time of taking such ~~proof or acknowledgment~~ ^{affidavit}, a Justice of the Peace in and for said County, residing in the said County, duly authorized to take the same, that I am well acquainted with the handwriting of said officer, and verily believe that the signature to the said ~~certificate of proof or acknowledgment~~ ^{affidavit} is genuine; and that the said instrument is executed ~~and acknowledged~~ according to the laws of this Territory.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the seal of the said District Court, at Flurence Arizona, this 20th day of January ¹⁹⁰⁰ ~~189~~.

Daniel C. Stearns Clerk.

By..... Deputy.

Affidavit of Five Hundred Dollars Improvements.

We, J. P. Lawrence, and C. Heberlein

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Pinal Copper Co. ^{mill site} ~~mine~~ claim, situate in Imperial Creek Mining district, Pinal County, Arizona Territory, for which Ray Mines Company by Selin M. Franklin, Atty 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 their grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. P. Lawrence
C. Heberlein

TERRITORY OF ARIZONA,
County of Gila } ss:

Sworn to and subscribed before me, this 15th day of January, ¹⁹⁰⁰ ~~189~~

Frank J. Laudon
J. P. Riverside Precinct #10
Ray, Ariz.

TERRITORY OF ARIZONA.

County of Pinal } ss.



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I, Harold C. Stearns, Clerk of the District Court of the Second Judicial District of the Territory of Arizona, which is a Court of Record in and for said County, do hereby certify: That, Frank J. Lander, Esq., whose name is subscribed to the ~~certificate of proof or acknowledgment~~ ^{affidavit} of the annexed instrument and thereon written, was, at the time of taking such ~~proof or acknowledgment~~ ^{affidavit}, a Justice of the Peace in and for said County, residing in the said County, duly authorized to take the same; ~~that I am well acquainted with the handwriting of said officer,~~ ^{affidavit} and verily believe that the signature to the said ~~certificate of proof or acknowledgment~~ is genuine; and that the said instrument is executed ~~and acknowledged~~ according to the laws of this Territory.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the seal of the said

District Court, at Flames Arizona, this 20th day of January 1901
Harold C. Stearns Clerk.

By Deputy.

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pinal } ss.

J.P. Lawrence and C. A. Neberlein of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Pinal Copper Co. mill-site claim, situated in Mineral Creek Mining District, Gila and Salt River Meridian, in the County of Pinal and Territory of Arizona, claimed by Ray Mines Company

applicant for United States patent therefor: that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by William H. Merritt United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto: that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal: that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim

improvements, to-wit: a 30 ton Smelter valued at \$1000.00
also a well 28 feet deep " " 100.00

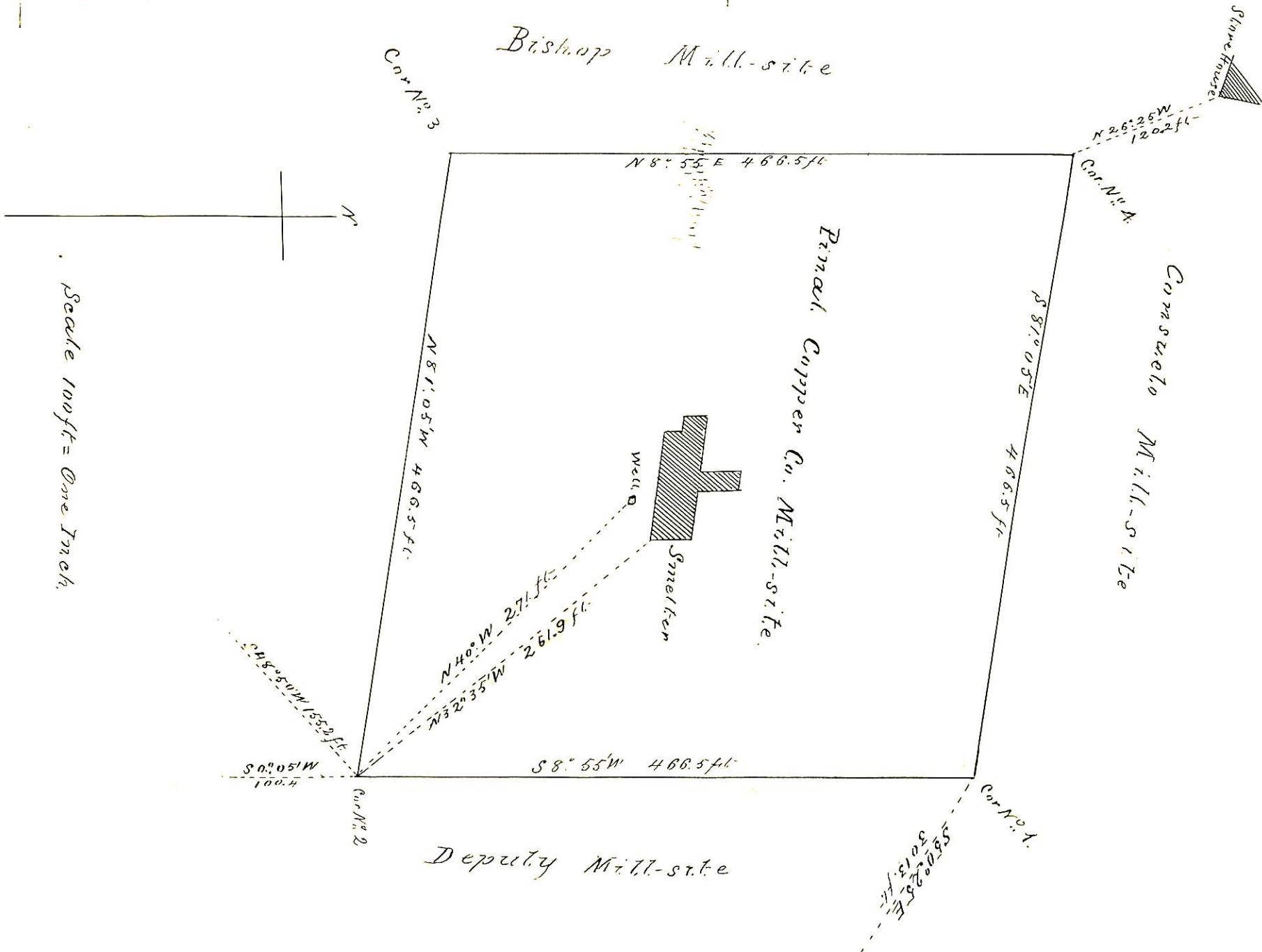
and that he has no interest whatever in said described mill-site claim.

J.P. Lawrence
C. A. Neberlein

Subscribed and Sworn to before me this 15th day of January A. D. 1900, and I hereby certify that the foregoing affidavit was read to the said J.P. Lawrence & C. A. Neberlein and

previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Frank J. Landon
Justice of the Peace
Riverside Precinct #10.
Ray, A.T.



Scale 100ft = One Inch.

Deputy Mill-site

Penae Copper Co. Mill-site

Bishop Mill-site

Consuelo Mill-site



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Notice

The Pinal Copper Co., through its Superintendent hereby gives notice that the said Pinal Copper Company claims a mill site for the purpose of crushing concentrating and smelting ores in Mineral Creek District Pinal County Arizona Territory containing five acres of land and situated on the right bank or bluff of the Gila River about one thousand feet above the junction of the Gila River and Mineral Creek commencing at a point marked by a monument of stones about 100 feet back from the bluff and being the center of square containing five acres of land. This claim shall be known as the "Pinal Copper Co. mill site"

Mineral Creek Pinal County Arizona Territory Jan'y 23^d 1881

Pinal Copper Co

By Wm A. Bolinger Supt.

Filed & Recorded at request of Buckalew
& Ochoa Mch 15 1881 at 4.45 P.M.

Jno J Devine Recorder
By Wm D Griffin Deputy.

Territory of Arizona
 County of Pinal ^{U.S.S.}

I, *F. A. Chamberlin*, Recorder
 in and for the County and Territory
 aforesaid, do hereby certify that the
 above and foregoing, is a full, true
 and correct copy, of Mill site
 Location taken from Book 2, of
 Miscellaneous Records, page 74,
 records of Pinal County, A. T.

Witness my hand, and the
 Seal of said office, this 10th
 day of January A. D. 1900,

F. A. Chamberlin
 Recorder

By *Thos. G. Poytan*
 Deputy



Amended Location Notice of the
Pinal Copper Co. Mill site.

Know all men by these presents,
that I, Belim W. Franklin, of Pima
County, Arizona Territory, do hereby
make and file this, my amended
Notice of Location, upon the Pinal
Copper Co. Mill site, situate in
Mineral Creek Mining District,
Pinal County, Arizona Territory,
claiming five acres of non-mineral
ground, for the purpose of crushing,
concentrating, and smelting ores in
said Mining District, and of erecting
and maintaining a mill or reduction
works upon the ground.

The exterior boundaries of said Mill
Site claim are as follows, to-wit;

Commencing at a monument of stones
at the northeast corner of said claim;
running thence in a westerly direction
466 $\frac{1}{2}$ feet, to a monument of stones
at the northwest corner of the claim;
thence in a southerly direction 466 $\frac{1}{2}$
feet to a monument of stones, at the
southwest corner of said claim; thence
in an easterly direction, 466 $\frac{1}{2}$ feet to
a monument of stones at the southeast

corner of said claim; thence in a northerly direction $46\frac{1}{2}$ feet to a monument of stones at the northeast corner of claim and place of beginning.

This claim is situate on the north side of the Gila River, about three miles westerly from Riverside, and a few hundred feet easterly from the junction of Mineral Creek with the Gila River. Upon it is situate the reduction plant generally known as the Ray Smelter.

This amended notice is filed without waiver of any previous rights, for the purpose of correcting and making more specific the boundaries and description of said mill site as originally located upon the ground; said original notice was dated January 23rd 1881, was signed "Pinal Copper Co., Wm A. Bolinger, sup't", and is of record in Book 2, of Miscellaneous Records, on page 74 thereof, in the office of the County Recorder of said Pinal County, the undersigned being the successor in interest of said original locator.

Dated this 1st day of December, 1899.
 Selim M. Franklin,

Filed and Recorded at request of
S. W. Franklin on the 18th day of
December 1899, at 2 o'clock P.M.

F. A. Chamberlain, Recorder
By Thos. G. Peyton Deputy.

Territory of Arizona }
County of Pinal } s. s.

I, F. A. Chamberlain,
Recorder in and for the County
of Pinal, Territory of Arizona

Do hereby certify that the above
and foregoing, is a full, true
and correct copy, of the Location
Notice taken from Book 6, of
Miscellaneous Records Page 228.

Witness my hand and the
Seal of said office, this
10th day of January A. D. 1900

F. A. Chamberlain
Recorder

By Thos. G. Peyton
Deputy



(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

February 27th, 1900.

I, U. S. Surveyor General for *District of Arizona*, do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of *Ray Mines Company*

....., known as the *Pinal Copper Co. Millsite*

situate in *Mineral Creek* mining district,

Pinal County, *Arizona*,

in Section *approx.*, Township No. *4 S.*, Range No. *13 E. (unsurveyed)*

....., designated as Survey No. *1432*.

executed by *William H. Merritt*, U. S. Deputy Mineral

Surveyor, *January 11-12*, 1900, under my instructions dated

Dec. 20th, 1899, 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.

George Christ

U. S. Surveyor General for *Arizona*