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*20. 1891*

(4-683.)

Mineral Survey No. 951

Lot No. 48.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Edward J. Barnes.

KNOWN AS THE

"Phoenix."

Oro Blanco Mining District,

Yuma County, Arizona.

Section \_\_\_\_\_, Township 228, Range 10 E

Surveyed under instructions dated January 5<sup>th</sup>, 1891.

by Lorenzo D. Chilson  
U. S. Deputy Mineral Surveyor.

Claim located January 13<sup>th</sup>, 1888.

Survey commenced January 10<sup>th</sup>, 1891.

Survey completed January 11<sup>th</sup>, 1891.

6-160

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, J. W. Bogan and N. A. Wild,  
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 H. E. Barnes,  
known as the  
Phoenix Mining Claim Mine  
situate in Ora Blanea mining district,  
Pimer County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

J. W. Bogan, Chainman.  
N. A. Wild, Chainman.

Subscribed and sworn to by the above-named persons before  
me this tenth day of January, 1891.

L. D. Chillson  
Notary Public

I, W. M. Davis, 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 H. E. Barnes  
known as the Phoenix Mining Claim Mine,  
more fully described in the preceding affidavit.

W. M. Davis, Axeman.

Subscribed and sworn to by the said W. M. Davis  
before me this tenth day of  
January, 1891.

L. D. Chillson  
Notary Public

I, W. M. Davis, 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 H. E. Barnes  
known as the Phoenix Mining Claim Mine,  
more fully described in the preceding affidavit.

W. M. Davis, Flagman.

Subscribed and sworn to by the said W. M. Davis  
before me this tenth day of  
January, 1891.

L. D. Chillson  
Notary Public

Feet

# Field Notes

## Of the Survey of the

### PHENIX MINE

In ORO BLANCO Mining District

Pima County Arizona

Claimed by E.E. Edmes

Surveyed by Lorenzo D. Chilson U.S. Deputy Mineral Surveyor, under instructions from the Surveyor General, of date Jan, 5<sup>th</sup> 1891.

Survey commenced - - - Jan, 10<sup>th</sup> 1891.  
Survey completed - - - Jan, 11<sup>th</sup> 1891

#### Description of Survey

Beginning at the Initial mon, mentioned in location notice and marking the north-westerly end center of claim, where I set a post 4<sup>in</sup> by 4<sup>in</sup> square 4 feet long, 10<sup>in</sup> in ground { ground so rocky, could not be set deeper } and surrounded same with mound of stones. Post marked P.M. I.M. N<sup>o</sup> 1

Bank house { frame building } 16 ft by 24 ft  
bears S. 60° E. - 400 ft dist. from said post - P.M. I.M. N<sup>o</sup> 1  
Boarding house { frame building } 16 ft by 40 ft  
bears S. 60° E. - 525 ft dist. from said post - P.M. I.M. N<sup>o</sup> 1  
Dwelling house { frame building } 14 ft by 20 ft  
bears S. 48° E. 510 ft dist. from said post - P.M. I.M. N<sup>o</sup> 1  
Smoke Pipe to Yellow Jacket Mill bears S. 24° 30' E.  
from said post - P.M. I.M. N<sup>o</sup> 1

Thence S. 20° W.  
V. 12° 32' E.

300 To location mon, where I set a post 3<sup>in</sup> by 4<sup>in</sup> square 4 ft long, 6<sup>in</sup> in ground { ground so rocky post could not be set deeper } and sur-

Feet

rounded same with mound of stones. Post marked P.M. - N° 2. At this point intersect the northerly side line of the Yellow Jacket mining Claim - Mineral Survey N° 264, Lot N° 40 Surveyed Sept, 15<sup>th</sup> - 16<sup>th</sup> 1881. from which point, Post Y. J. N. W. of the Yellow Jacket mine, bears N. 50° 30' W. - 435 ft 6<sup>2/3</sup> dist,

Thence along the northerly side line of the Yellow Jacket mining Claim,  
S. 50° 30' E.  
V. 12° 32' E.

- 80 Dry wash, cour, S. 40° E.
- 120 Wagon road to mill, cour, S. 80° W. & N. 80° E.
- 350 Line passes S.W. Cor, of Mill, 75' by 100' ft in area
- 489 Return road
- 764 6" Post Y. J. N. E. of Yellow Jacket mine.
- A house 16<sup>ft</sup> by 24<sup>ft</sup> { adobe building shingle roof } bears N. 8° W. - 300 ft dist, from said post Y. J. N. E.
- A house 16<sup>ft</sup> by 24<sup>ft</sup> { adobe building shingle roof } bears N. 5° E. - 200 ft dist, from said post Y. J. N. E.
- A house 18<sup>ft</sup> by 30<sup>ft</sup> { adobe building shingle roof } bears N. 5° E. - 350 ft dist, <sup>from</sup> said post Y. J. N. E.
- A house 16<sup>ft</sup> by 24<sup>ft</sup> { frame building } bears N. 30° E. - 280 ft dist, from said post Y. J. N. E.
- A house 20<sup>ft</sup> by 30<sup>ft</sup> { adobe building, shingle roof } bears N. 50° E. - 125 ft dist, from said post Y. J. N. E.
- 965 Line passes over stone house 14<sup>ft</sup> by 18<sup>ft</sup> dist, roof
- 1070 Cross deep ravine, cour, N. 40° E.
- 1100 Foot of hill. Ascend.
- 1500 To point on large porphyry rock permanent in place, situate on westerly slope of high hill; where I set a post 4<sup>in</sup> by 4<sup>in</sup> square 3 ft long on said rock and surrounded same with mound of stones. Post marked P.M. - N° 3. From said post, location man, bears S. 45° E. 150 ft dist,  
U. S. M. M. - N. 4. bears S. 51° 40' E. 1421 ft dist

Thence N. 20° E. - Along westerly slope of hill  
V. 12° 32' E.

300 To point where I set a post 4<sup>in</sup> by 4<sup>in</sup> square 3 ft long, 1 foot in ground { ground so rocky post could

Foot

not be set deeper } and surrounded same  
with mound of stones. Post marked P.  
M. - S. E. C. - N<sup>o</sup> 4.

Location anon, bears S. 50° 30' E. 56 ft<sup>s</sup> dist,  
A live oak tree 8<sup>in</sup> dia, bears N. 70° W. 3 ft<sup>s</sup>  
6<sup>in</sup> dist,

Thence same course

N. 20° E  
V. 12° 32' E.

300 To point on southerly slope of high ridge  
where I set a post 4<sup>in</sup> by 4<sup>in</sup> square 3 ft<sup>s</sup>  
long 6<sup>in</sup> in ground { ground so rocky  
post could not be set deeper } and sur-  
rounded same with mound of stones.

Post marked P. M. - N<sup>o</sup> 5  
Location anon, bears S. 52° E. - 51 ft<sup>s</sup> dist,  
A large porphyry dyke bears N. 46° W. 10 ft<sup>s</sup> dist,  
A live oak tree 4<sup>in</sup> dia, bears S. 48° E. 9 ft<sup>s</sup> dist,

Thence along southerly slope of ridge  
N. 50° 30' W.  
V. 12° 32' E.

700 Begin to descend,  
974 Wagon road from mine to Arivaca,  
Coun, N. 29° 30' E. passing down deep cañon.

995 Begin to ascend

1500 To point on easterly slope of mountain  
where I set a post 3<sup>in</sup> by 4<sup>in</sup> square 4 ft<sup>s</sup> long,  
8<sup>in</sup> in ground { ground so rocky, post  
could not be set deeper } and surrounded  
same with mound of stones. Post  
marked P. M. - N<sup>o</sup> 6.

Location anon, bears N. 20° E. 16 ft<sup>s</sup> dist,

Thence descending southerly  
S. 20° W.  
V. 12° 32' E.

300 To Initial anon, and post P. M. - I. M. - N<sup>o</sup> 1  
the place of beginning

Area  
Total area of claim = 19.47 acres.

### Location

This claim is located on unsurveyed lands, and is situated about two miles west-erly from the Town of Oro Blanco in Pima County; and is bounded on the southerly side by the Yellow Jacket mining claim - Lot No 40 - Patented; And on the west by the Christmas Gift mining claim - unsurveyed.

### "Improvements:"

Made upon this claim by claimant and grantors, consist of a discovery shaft  $4\frac{1}{2}$  ft by  $6\frac{1}{2}$  ft by  $4\frac{1}{2}$  ft deep, and bears S.  $50^{\circ}30'$  E. 200 ft dist, from Post P.M.-I.M.-No 1.

An open cut  $4\frac{1}{2}$  ft wide by  $3\frac{1}{2}$  ft deep and 20 ft long connected with discovery shaft, bears S.  $50^{\circ}30'$  E. from Post P.M.-I.M.-No 1.

A shaft  $4\frac{1}{2}$  ft by  $6\frac{1}{2}$  ft by  $4\frac{1}{2}$  ft deep bears South  $65\frac{1}{2}$  ft dist, from Post P.M.-I.M.-No 1

An open cut  $6\frac{1}{2}$  ft wide by  $10\frac{1}{2}$  ft long by  $8\frac{1}{2}$  ft deep, bears N.  $48^{\circ}$  E. 295 ft dist, from post Y. J. - N. E. of of the Yellow Jacket mine.

A good wagon road crosses this claim and connecting same with the Oro Blanco and Arivaca stage road about three miles distant. This road passes along narrow cañons over high ridges and must have cost several thousand dollars. A first class 20 stamp Quartz Mill just completed, and nine dwelling houses situated as shown upon accompanying diagram, and hereinbefore described. And I hereby certify that the value of said improvements exceeds the sum of five hundred dollars.

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

Instruments used, a Gurby Engineers Transit, and steel chain-braced links.

Variation ascertained by observation on Polaris on the claim, on night of Jan, 10<sup>th</sup> 1891.

Lorenzo D. Chilson

{ Tucson Jan, 17<sup>th</sup> 1891 }

U. S. Deputy Min'l Surveyor.

**Affidavit of Five Hundred Dollars Improvements.**



We, J. W. Bogan and J. A. Middlemas

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

Phoenix ~~Gold~~ Mining Mine mining claim, situated in

Ora Blanca Mining District, Pima County,

Arizona Territory, for which St. W. Royce, Atty, in fact of

H. E. Barnes

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 his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. W. Bogan  
J. A. Middlemas

TERRITORY OF ARIZONA,  
County of Pima } ss.

SWORN to and subscribed before me, this 11th day  
of January 1891

Lorenzo D. Chilson  
Notary Public





# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by ~~me~~ *Lorenzo D. Chillson*  
 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. E. Barnes*  
 known as the *Phoenix Mine*  
 and showing the respective capacities in which they acted.

*J. W. Bogan*....., Chainman.

*N. A. Wild*....., Chainman.

{ *W. M. Davis*....., Axman.  
 { " " "....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We, *J. W. Bogan, N. A. Wild*  
 and *W. M. Davis*....., do solemnly swear that we assisted *Lorenzo*  
*D. Chillson*....., United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of *E. E. Barnes*

....., known as the *Phoenix*  
~~*Gold Mining Claim*~~ *Mine*....., 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*.....

*J. W. Bogan*....., Chainman.

*N. A. Wild*....., Chainman.

{ *W. M. Davis*....., Axman  
 { " " "....., Flagman.

Subscribed and sworn to by the above-named persons before me  
 this *11<sup>th</sup>* day of *January*, 18*91*

*Lorenzo D. Chillson*  
 Notary Public

(4-686.)

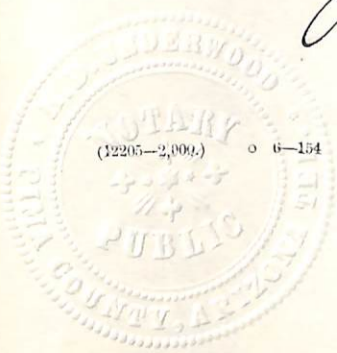
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Tiorenzo D. Chillson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for the Territory of Arizona, dated January 5<sup>th</sup>, 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 E. E. Eiams, known as the Phoenix Mining Claim Mine, situate in Oro Blanco Mining District, Pima County, Arizona, in Section \_\_\_\_\_ Township No. \_\_\_\_\_ Range No. \_\_\_\_\_ and designated as Survey No. 951, 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.

Tiorenzo D. Chillson  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Tiorenzo D. Chillson,  
U. S. Deputy Mineral Surveyor, before me H. D. Neidmood  
Notary Public this Sixteenth  
day of January, 1891.

H. D. Neidmood  
Notary Public.



## Phoenix Mine

Notice of Location. Notice is hereby given that the undersigned in compliance with the requirements of the mining act of Congress approved May 10<sup>th</sup> 1872. has this day located and claimed Fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz, and together with 300 feet in width on each side of the middle of said lead lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to wit: Commencing at this monument of Stones being the center of the North Westely end of the claim, and upon which this notice is posted, thence Southwistely 300 feet to a monument of Stones, thence South Eastely 1500 feet to a monument of Stones, thence North Eastely 300 feet to a monument of Stones; Being the center of the South eastely end of claim; thence North Eastely 300 feet to a monument of Stones; thence North Westely 1500 feet to a monument of Stones thence S. Westely 300 feet to the place of beginning. This claim is situated on the Northely side of the Patented Yellow Jacket mine, and commences at a monument of Stones about 300 feet from the Northely

line of said yellow jacket mine and  
bounds the yellow jacket mine on the north,  
and our Christmas Gift mine on the East,  
and shall be known as the Phoenix mine  
located January 13<sup>d</sup> 1888.

J. H. Forman

Filed and Recorded at request of J. H. Forman  
Jan 13<sup>d</sup> 1888 at 3.40 P.M. in Book D Page 180.  
District Records.

G. J. Phillips Recorder

Filed and recorded at request of John Bartlett  
23<sup>d</sup> August 1888 at 10. a.m.

A. B. Sampson  
County Recorder

Territory of Arizona, } ss.  
County of Pima }

I, CHAS A. SHIBELL, County Recorder in and for the County of Pima, do hereby  
certify that the above and foregoing is a full true and correct copy of the location  
Notice of the Phoenix mine

as appears of Record now in my Office in Book 7, Records of mines Pages 767

IN WITNESS WHEREOF, I have hereunto set my hand and  
affixed my official seal, at my office in Tucson this 12  
day of December A. D. 1890

Charles A. Shibell  
County Recorder.



Territory of Arizona, } ss.  
County of Pima }

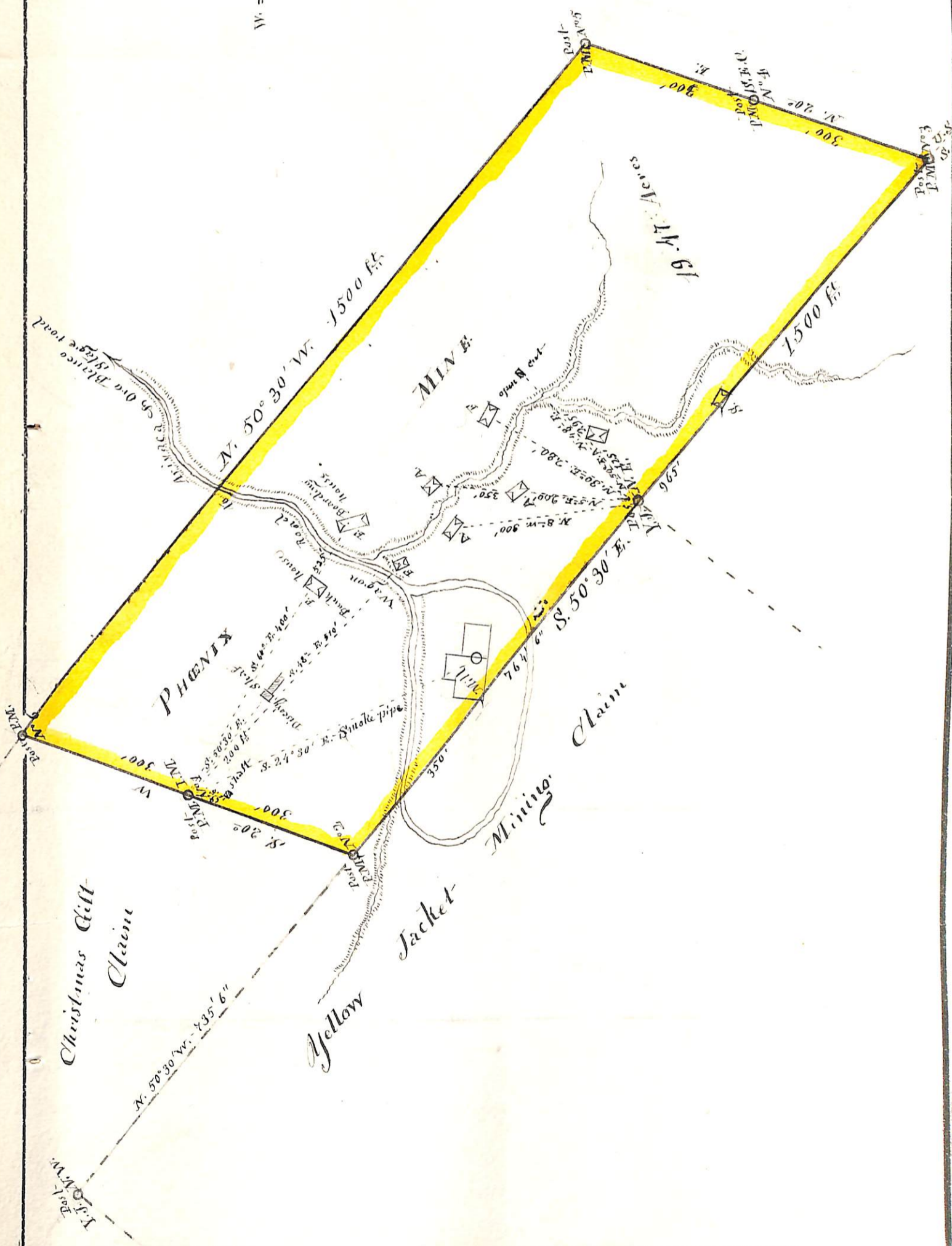
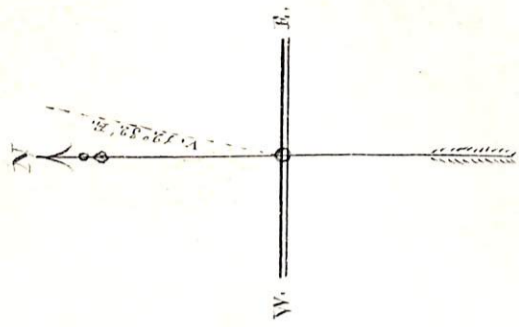
I, CHAS A. SHIBELL, County Recorder in and for the County of Pima, do hereby  
certify that the above and foregoing is a full true and correct copy of the locative  
Notice of the Phoenix Mine — — — — —

as appears of Record now in my Office in Book 2 Records of Mines Pages 767

IN WITNESS WHEREOF, I have hereunto set my hand and  
affixed my official seal, at my office in Tucson this 12  
day of December A. D. 1890

Charles A. Shibell  
County Recorder.





(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 14<sup>th</sup>, 1891.*

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 *Edward E. James.*

*Phoenix*, known as the

situate in *Oro Blanco* mining district,

*Pima* County, *Arizona.*

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

*and*, designated as Survey No. *951.*

executed by *Lorenzo D. Chilson*, U. S. Deputy Mineral

Surveyor, *January 10/11 -*, 1891, under my instructions dated

*January 5*, 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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