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Notes and forms copied 1

V. H.

(4-683.)

Mineral Survey No. 1815

Lot No. ....

Gila Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mammoth Copper Co

KNOWN AS THE

Herbert

Silver Bell Mining District.

Pima County, Arizona

Section — <sup>approt.</sup> Township 12 S, Range 8 E (unsurveyed)

Surveyed under instructions dated June 15<sup>th</sup>, 1903

by Philip Contzen  
U. S. Deputy Mineral Surveyor

Claim located March 20<sup>th</sup>, 1899

Survey commenced June 24<sup>th</sup>, 1903

Survey completed June 24<sup>th</sup>, 1903

Address of claimant

S. M. Franklin atty.

Tucson  
Ariz.



PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, D. M. Penny and W. H. Hill, 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 Mammoth Copper Co.

known as the Herbert situate in Silver Bell mining district Pima County, Arizona in Section Township No. 12 S, Range No. 8 E (unsurveyed) D. M. Penny, Chairman. W. H. Hill, Chairman.

Subscribed and sworn to by the above-named persons before me this 16th day of June, 1903

Homer Dauter Notary Public

I, Chas. E. Thomas, do solemnly swear that I will well and truly perform the duties of axman, 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 Mammoth Copper Co

known as the Herbert more fully described in the preceding affidavit.

Chas. E. Thomas, Axman.

Subscribed and sworn to by the said Chas. E. Thomas before me this 16th day of June, 1903

Homer Dauter Notary Public

I, Chas. M. Pogue, 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 Mammoth Copper Co

known as the Herbert more fully described in the preceding affidavit.

Chas. M. Pogue, Flagman.

Subscribed and sworn to by the said Chas. M. Pogue before me this 16th day of June, 1903

Homer Dauter Notary Public

My Commission Expires Jan. 17, 1907



## SURVEY NO. 1815.

Herbert Lode.

Beginning at Cor. No. 1. Identical with S. W. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set on point of cliff, with mound of stone, scribed 1-1815 H. on N. E. face.

A cross (X) and B. R. 1-1815 chiseled on a granite rock, showing 4 x 5 x 4 ft. above the ground, bears N. 8° 15' E. 23 ft., and a cross (X) and B. R. 1-1815 chiseled on a granite rock, showing 5 x 6 x 2 ft. above the ground, bears S. 78° 50' W. 33 ft.

U. S. Mineral Mon. No. 1, Silver Bell Mining District, bears N. 72° 56' W. 2247.2 ft.

Thence N. 83° 10' E.

Va. 13° 15' E.

- 119 Wash, course Southerly; ascend.
- 149.5 North side center mon. of Anita Lode (unsurveyed)
- 300 South end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.
- 337 Top of South slope of mountain; descend.
- 600 To Cor. No. 2. Identical with S. E. Cor. of the location.
- A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1815 H.
- A cross (X) and B. R. 2-1815 chiseled on a limestone, showing 2 x 4 x 2 ft. above the ground, bears N. 11° 5' W. 5.6 ft., and a cross (X) and B. R. 2-1815 chiseled on a limestone, showing 2 x 3 x 1 ft. above the ground, bears S. 45' W. 46.6 ft.

Thence N. 25° 25' E.

Feet Ascend.

620 Top of spur, extending N. E. ; descend.

731 East side center mon. of location.

900 Foot of spur; ascend.

1089 Top of Westerly slope of mountain; descend.

1337 Wash, course Westerly.

1500 To Cor. No. 3. Identical with N. E. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1815 H.

A cross (X) and B. R. 3-1815 chiseled on a limestone, showing 4 x 3 x 2 ft. above the ground, bears S. 21° 5' E. 13.8 ft., and a cross (X) and B. R. 3-1815 chiseled on a limestone, showing 8 x 4 x 3 ft. above the ground, bears N. 45° 15' W. 24.7 ft.

Thence S. 83° 10' W.

Va. 13° 15' E.

Descend.

108 Wash, course Northerly; ascend.

190 Top of Westerly slope of mountain; descend.

270 Wash, course Northerly; ascend.

300 North end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.

330 Top of North slope of spur; descend.

535 Wash, course Northerly; ascend.

600 To Cor. No. 4. Identical with N. W. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1815 H.

A cross (X) and B. R. 4-1815 chiseled on a limestone, showing 2 x 3 x 1 ft. above the ground, bears



Feet N. 8° 45' W. 48 ft., and a cross (X) and B. R. 4-1815  
chiseled on a limestone, showing 2 x 2 x 1 ft. above  
the ground, bears S. 9° 50' W. 61.5 ft.

Thence S. 25° 25' W.

Va. 13° 15' E.

Ascend.

740 W. SIDE CENTER MON. OF LOCATION  
1150 Top of high ridge, bearing East and West; descend.

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

AREA . . . . . 17.47 acres.

Location.

This claim is located in Silver Bell Mining  
District, Pima County, Arizona, approximately in  
T. 12 S. R. 8 E., G. & S. R. B. & M.

Course of Ledge.

The presumed course of ledge is N. 25° 25' E from  
*South* end center, extending 1500 ft. to *North* end center.

Adjoining Claims.

This claim is joined on the South by Anita Lode  
(unsurveyed), Imperial Copper Co., owner; and on the  
West by Black Daisy Lode (unsurveyed), Imperial Copper  
Co., owner.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improve-  
ments upon this claim, placed thereon by the claimant  
and *its* grantors, is not less than five hundred dol-  
lars, and that said improvements consist of :

From Cor. No. 4.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep,  
bears S. 2° 45' W. 655 ft.

Value \$ 100.

Cut, No. 2, 5 x 10 ft. by 25 ft. long, bears  
S. 2° 45' W. 474 ft.

Value \$ 200.

Cut, No. 3, 5 x 10 ft. by 25 ft. long, bears

S.  $6^{\circ} 40'$  W. 506 ft.

Value \$ 200.

Cut, No. 4, 4 x 10 ft. by 20 ft. long, bears

S.  $17^{\circ} 10'$  W. 418 ft.

Value \$ 150.

Cut, No. 5, 5 x 10 ft. by 23 ft. long, bears

S.  $22^{\circ} 45'$  W. 526 ft.

Value \$ 150.

Instrument.

This survey was made with a Young & Sons Light Mountain Transit with Smith's Solar Attachment. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100-ft. and 300-ft. steel tapes.

*Philip Contzere*

U. S. Deputy Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen  
 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 Mammoth Copper Co  
 known as the Herbert  
 and showing the respective capacities in which they acted.

- D. M. Penny, Chainman.
- W. H. Hill, Chainman.
- Chas. E. Thomas, Axman.
- Chas. M. Pogue, Flagman.

## FINAL OATHS OF ASSISTANTS.

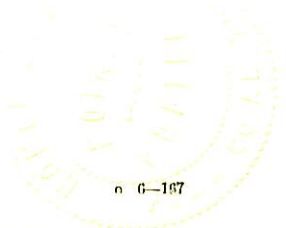
We, D. M. Penny - W. H. Hill, Chas. E. Thomas,  
 and Chas. M. Pogue, do solemnly swear that we assisted Philip  
Contzen, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Mammoth  
Copper Co.  
 known as the

Herbert, 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.

- D. M. Penny, Chainman.
- W. H. Hill, Chainman.
- Chas. E. Thomas, Axman.
- Chas. M. Pogue, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 8<sup>th</sup> day of July, 1903

Homer Dauter  
 Notary Public



My Commission Expires Jan. 17, 1907



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 15<sup>th</sup> 1903, 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 Mammoth Copper Co, known as the Herbert, situate in Silver Bell Mining District, Pima County, Arizona, in Section —, Township No. 12, Range No. 8 E (unsurveyed), and designated as Survey No. — 1815 —, 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.

Philip Contzen  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen  
U. S. Deputy Mineral Surveyor, before me  
this 8<sup>th</sup>  
day of July 1903,

Homer Dauter  
Notary Public

Expire Jan. 17 1907



Affidavit of Five Hundred Dollars Improvements.

We, J. M. Penny, and Chas. M. Pogue

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the Herbert mining claim,

situate in Silver Bell Mining district, Pima County,

Arizona Territory, for which the Mammoth Copper Co

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

J. M. Penny  
Chas. M. Pogue

TERRITORY OF ARIZONA,  
County of Pima } ss:

Sworn to and subscribed before me, this 8<sup>th</sup>

day of July, 1903

Homer Dauter  
Notary Public

*My Commission Expires Jan. 11, 1907.*





HERBERT MINING CLAIM.

NOTICE OF MINING LOCATION, QUARTZ CLAIM: To all whom it may concern

This mining claim, the name of which is the Herbert Mining Claim, situate on lands belonging to the United States of America and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Julius H. Volkert, the undersigned, on the 23rd day of March, 1899. The length of the claim is Fifteen Hundred feet and I claim 300 feet on each side of the discovery shaft (at which this notice is posted) lengthwise of the claim. The general course of the lode deposit and premises is from the North to the South. The claim is situated and located in Silver Bell Mining District, in Pima County, in the Territory of Arizona, about 2 miles in a South Easterly direction from Silver Bell Store and Camp. The surface boundaries of the claim are marked upon the ground as follows: Beginning at Monument of stones at a point in a Northerly direction about 650 feet from the discovery shaft, at which this notice is posted, being the center of the North end lines of said claim; thence Westerly 300 feet to a monument of stones, being the North West corner of said claim, thence Southerly 750 feet to a monument of stones at the center of the West side line of said claim; thence Southerly 750 feet to a monument of stones being at the South West corner of said claim; thence Easterly 300 feet to a monument of stones at the center of the South end of said claim; thence Easterly 300 feet to a monument of stones being at the South East corner of said claim; thence Northerly 750 feet to a monument of stones being at the center of the East side line of said claim; thence Northerly 750 feet to a monument of stones at the North East corner of said claim; thence Westerly 300 feet to the place of beginning.

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 20th 1895.

Dated and posted on the ground this 23 day of March 1899.

Julius H. Volkert.

Filed and recorded at request of Julius Volkert June 16th A. D. 1899, at 2:40 P. M.

Chas. 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 *Herbert Mining Claim, situated in Silver Bell Mining District, dated, March 23, 1899.*

as appears of Record now in my office in Book *4* <sup>Records of mines</sup> Pages *336*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12* day of *June* A. D. 190*3*

*Chas. A. Shibell*  
County Recorder of Pima County, Arizona.  
By *M. A. Greene*  
*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,*

Phoenix, Arizona

Oct 24, 1903

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 Mammoth Copper Co

known as the

Herbert

situate in Silver Bell mining district,

Pima County, Arizona

in Section <sup>approx</sup> Township No. 12 S., Range No. 8 E. (unsurveyed)

designated as Survey No. 1815

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, June 24th, 1903, under my instructions dated

June 15th, 1903, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

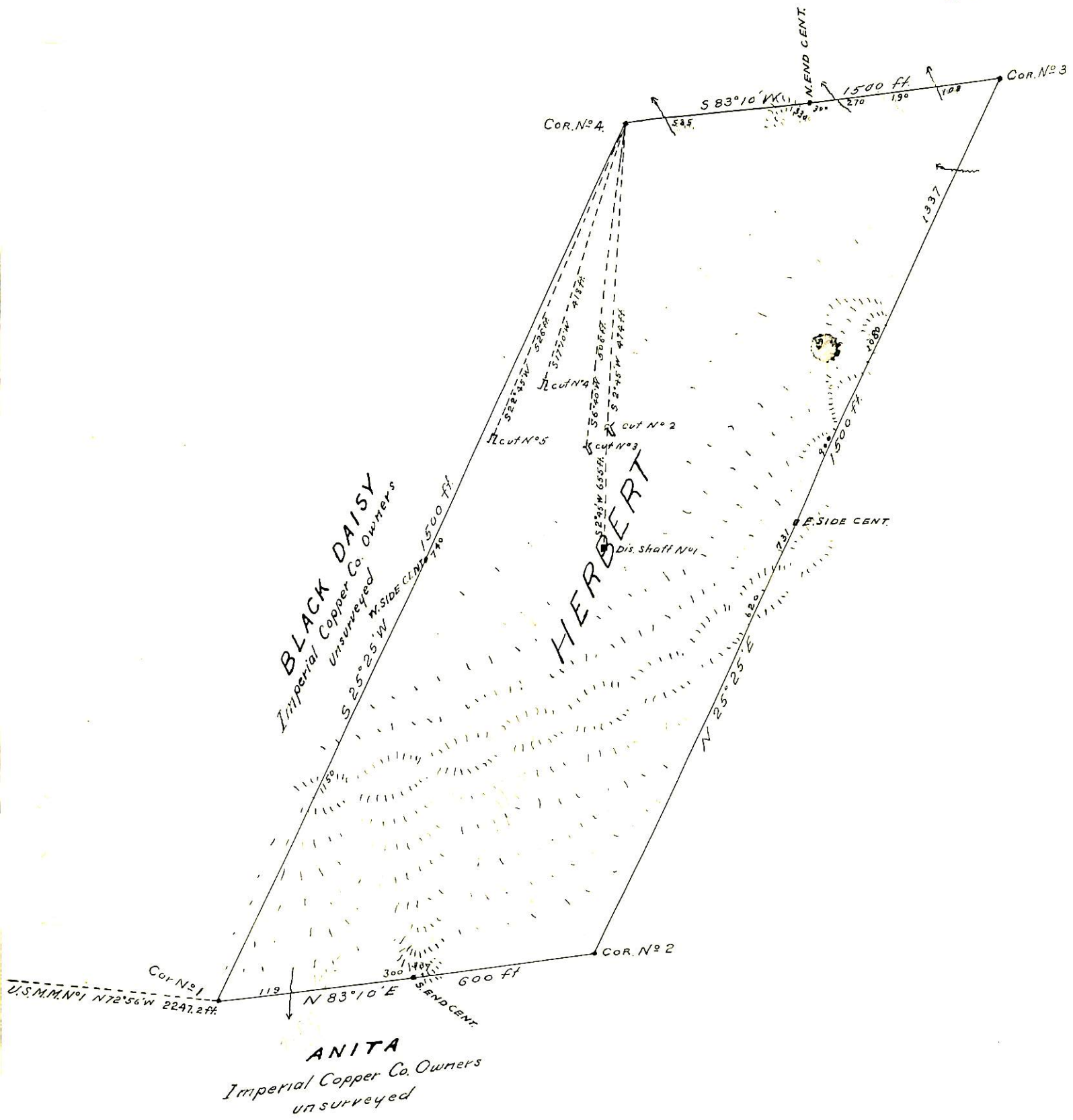
are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

*Frank S. Ingalls*

U. S. Surveyor-General for Arizona





# SURVEY No 1815

GILA LAND DISTRICT

Surveyed June 24<sup>th</sup> 1903

By Philip Contzen

U.S. Dep. Min. Surveyor.