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*Plotted by [unclear]*

*Copy of  
Sept 16/04  
E.H. Co.*

**AUG 21 1904**  
*Examined  
S. C. J.*

(4-683.)

Mineral Survey No. 1976

Lot No. \_\_\_\_\_

Sila Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

L. H. Wallace et al.

KNOWN AS THE

Wander

Suinal in Harrow Mining District,

Coconino County, Arizona

Section appears, Township 23 S, Range 24 E. T. & S. R. B. & M  
*unsurveyed*

Surveyed under instructions dated August 16<sup>th</sup>, 1904

by Franklin H. Smith  
U. S. Deputy Mineral Surveyor.

Claim located see Notices, 1

Survey commenced August 18<sup>th</sup>, 1904

Survey completed August 20<sup>th</sup>, 1904

o 6-100

Post Office address of claimant.  
Bisbee, Coconino County Arizona

*Area OK. See CK  
9/24*

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Hugh Millington and Frank Raboth,  
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 W. Wallace, Et. al.

....., known as the  
Spander  
situate in Warren mining district,  
Cochise County, Arizona  
in Section affers Township No. 23S., Range No. 24 E. S. R. 21 N.

Hugh Millington, Chainman.  
Frank Raboth, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 18<sup>th</sup> day of August, 1904  
Corra Smith

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 ..



## WONDER.

Feet

Beginning at Cor.No.1, the NW. cor., identical with location and with Cor.No.~~IV~~ and ~~V~~ respectively of New Century and Horton lodes, Survey No.1918 a pine post 4 ft.long 4ins. sq. set 1 ft.in the ground in a mound of stones and scribed 1-1976 W.L., whence a pine post of same dimensions and scribed W.C.1-1976 brs.N. 30° 54' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 30° 54' W. 50 ft. and US.M.M.No.1872 Warren Mining District brs. *N 36° 13' W 4911.3* ft.

Thence S. 59° 06' E.

300.0 along line ~~VI-V~~ Norton lode, Survey No.1918 to original location for N. end center

600.0 same bearing to Cor.No.2, the NE. cor., identical with location and with Cor.No.~~V~~ Horton lode, Survey No.1918 a pine post 4 ft.long 4 ins. sq. set 1 ft.in the ground in a mound of stones and scribed 2-1976 W.L., whence a pine post of same dimensions and scribed W.C.2-1976 brs. N. 30° 54' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 30° 54' W. 50 ft.,

Thence S. 30° 54' W.

28.4 to Cor.No.~~IV~~ and ~~I~~ respectively of Horton and Bolivar lodes, Survey No.1918

435.5 same bearing to Cor.No.~~V~~ Bolivar lode, Survey No.1918 and a cor.of Never Sweat lode, unsurveyed,

600.00 same bearing to original location for E. side center,

1198.9 same bearing to Cor.No.3, the SW. cor., identical with location, a pine post 4 ft.long 4 ins. sq. set 1 ft.in the ground in a mound of stones and scribed 3-1976, W.L. whence a pine post of same dimensions and scribed W. C. 3-1976 brs. N. 30° 54' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 30° 54' W. 50 ft.

Thence N. 59°06' W.

300.0 to original location for S. end center,

600.0 same bearing to Cor.No.4, the SW. cor., identical with location and with Cor.No.~~III~~ Hot Stuff lode, Survey No.1918

Wonder (Con)

Feet

a pine post 4 ft.long 4 ins. sq. set 1 ft.in the ground in a mound of stones and scribed 4-1976 W.L., whence a pine post of same dimensions and scribed W. C. 4-1976 brs.N. 30° 54' E. 50 ft.,and a second pine post of same dimensions and scribing brs. S. 30° 54' W. 50 ft.

Thence N. 30° 54' E.

599.3 to Cors.No. ~~IV~~ and ~~V~~ respectively of Hot Stuff and New Century lodes, Survey No.1918 and identical with original location for W. side center

1198.9 side bearing to Cor.No.1 the place of beginning.

Ledge

The presumed course of the vein on this claim is from the S. end center of location N. 30° 54' E.1198.9 ft.

Area.

Total and net area Wonder lode, 16.514 Acres.

Improvements.

I certify that the value of the labor and improvements on this claim placed thereon by claimant or their grantors is not less than \$500 and that said improvements consist of:

No.1 Discovery shaft 4x4x56 ft. brs. from Cor.No.4 N.82° 45' W 466 ft., Value \$600.00

Total improvements Wonder lode, \$600.00

Adjoining Claims.

North Horton lode, Survey No.1918, I.W.Wallace, et al., owners.

East Bolivar lode, Survey No.1918, same owner.

Never Sweat lode, unsurveyed, J.M.Gorrie, et al., owners.

South Francisco lode, unsurveyed, H.A.Smith, et al., owners.

West Hot Stuff and New Century lodes, Survey No.1918, I.W. Wallace, et al., owners.

Location

This claim is located about 3mi in a SE. direction from the City of Bisbee, on unsurveyed lands in Warren Mining District, Cochise County, Arizona, approximately in Tp. 23 S.R.24 E. G & S R E & L.

INSTRUMENT.

This survey was made with a Leitz Mountain and Mining transit. The courses were deflected from the true meridian as determined by solar observation, checked by an observation on Polaris. The distances were measured with a 300 foot steel tape.

Magnetic Variation 12° 30' E.

*Franklin W. Smith*

U. S. Deputy Mineral Surveyor.

Bisbee, Arizona,

*Aug 30<sup>th</sup>*

1904.

A.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Franklin W. Smith  
 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 J. Wallace et al  
 known as the Wander  
 and showing the respective capacities in which they acted.

Hugh Millington, Chairman.  
Frank Rafath, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Hugh Millington  
 and Frank Rafath, do solemnly swear that we assisted Franklin W. Smith  
 \_\_\_\_\_, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of \_\_\_\_\_  
J. Wallace  
 \_\_\_\_\_, known as the \_\_\_\_\_  
Wander  
 \_\_\_\_\_, 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

Hugh Millington, Chairman.  
Frank Rafath, Chairman.  
 \_\_\_\_\_, Axman .  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 20<sup>th</sup> day of August, 1904

Corra Edmister  
 NOTARY PUBLIC  
 Grand for the County of Cochise, Territory of Arizona  
 My Commission Expires March 21, 1908

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 16<sup>th</sup>, 1904 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 Lieut. Wallace, et al, known as the Thunder, situate in Warren Mining District, Cochise County, Arizona, in Section approx, amately Township No. 23S, Range No. 20E Co SRB & M, and designated as Survey No. 1976, 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 their 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.

Franklin W. Smith  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith  
U. S. Deputy Mineral Surveyor, before me  
this 20<sup>th</sup>  
day of August, 1904

Coro E. Smith  
NOTARY PUBLIC  
In and for the County of Cochise, Territory of Arizona.  
My Commission Expires March 21, 1907.



Affidavit of Five Hundred Dollars Improvements.

We, Hugh Killington, and Frank Rafath

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

are acquainted with the Wander mining claim,

situate in Warren Mining district, Cochise County,

Arizona Territory, for which J. W. Wallace et al.

have 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.

Hugh Killington

Frank Rafath

TERRITORY OF ARIZONA,  
County of Cochise } ss:

Sworn to and subscribed before me, this 30th

day of August, 1904

Corra Smith



I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original Location Notice of the "Wonders" Mining Claim, filed and recorded in my office on the 28 day of March, 1901, and in Book 18 Record of Mines, at page 518, and that the same is a full, true and correct copy of such original, and of the whole thereof.

witness my hand and official seal this 26<sup>th</sup> day of July  
1904.

Frank Hare

County Recorder

By R. M. Kattich, Deputy.



# Notice of Mining Location.

10

Lode **QUARTZ** CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Wonder

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

Oliver O. Howell and Edward O'Connell,  
citizens of the U.S.

the undersigned, on the 23<sup>rd</sup> day of January 1901...

The length of this claim is 1500 feet

and we claim 1200 feet

in a northerly direction and 300

feet in a southerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side of the center of said

claim. The general course of the lode deposit and premises is from the north

to the south.

The claim is situated and located in the Warren Mining District, in

Cochise County, in the Territory of Arizona, about 4 miles

in a South easterly direction from the town of Bisbee and  
about 2 miles east of Son Luis.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

monument of stones

at point in a southerly direction 300 feet from

the discovery shaft (at which this notice is posted), being in the center of the south

end line of said claim; thence 300 feet to a monument of

stones, being the southwest corner of said claim; thence

750 feet to a monument of stones at the center of

the west side line of said claim; thence 750

feet to a monument of stones being at the northwest corner of said

claim; thence 300 feet to a monument of stones

at the center of the north end of said claim; thence 300

feet to a monument of stones being at the northeast

corner of said claim; thence 750 feet to a monument of

stones being at the center of the east side line of said claim;

thence 750 feet to a monument of stones at

the southeast corner of said claim; thence 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; and amended March 2nd, 1899.

Dated and posted on the ground this 23<sup>rd</sup> day of January 1901...

Oliver O. Howell

Edward O'Connell

Filed and recorded at request of J. M. O'Connell Mch. 28, A.D. 1901 at 1 P.M.  
Book 18 Record of Mines, page 518.



# An Act Concerning Mines.

*Be it Enacted by the Legislative Assembly of the Territory of Arizona:*

**SECTION 1.** Every notice of location of a mining claim shall contain: First, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode deposit or premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim.

**SECTION 2.** All mining locations hereafter located, the certificate of location of which shall not contain: First, the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises, as near as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

**SECTION 3.** Before filing such location certificate with the County Recorder of the proper County, the discoverer shall locate his claim by first, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface and deeper if necessary, until there is shown by such work a lode deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries can be readily traced.

**SECTION 4.** Such surface boundaries shall be marked by Eight substantial Posts projecting at least Three Feet Above the Surface of the Ground, or by substantial Stone Monuments at least Three Feet High, to wit: One at each corner of said claim, and one at the center of each end and side line thereof.

**SECTION 5.** Any open-cut, cross-cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, and which shall cut a lode or mineral in place at the depth of ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

**SECTION 6.** The discoverer shall have ninety days from the date of discovering the lode and the posting of the notice thereon, to perform said discovery work thereon.

**SECTION 7.** If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing the benefits of this Act, such locator or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of new locations.

**SECTION 8.** The amount of assessment, or representation, work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same, shall be as provided by the laws of the United States.

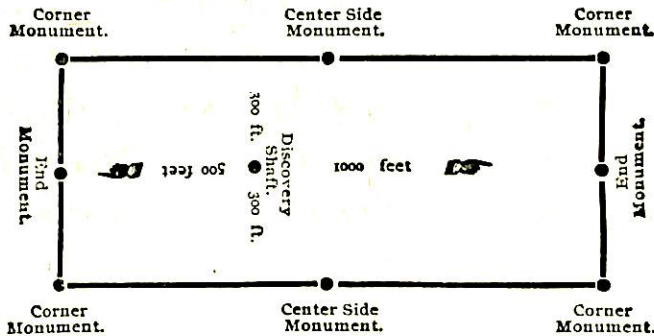
**SECTION 9.** Within three months after the expiration of the period of time fixed for the performance of annual labor or the making of improvements upon any mining claims or premises, the person on whose behalf such work or improvement was made, or some person for him knowing the facts, may make and record in the office of the County Recorder of the county wherein such claim is situated an affidavit in substance as follows:

TERRITORY OF ARIZONA, }  
 ..... County, } ss.  
 ..... being duly sworn deposes and says, that he is a citizen of the United States and more than 21 years of age, and resides at ..... in ..... County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as ..... Mining District, County of ..... Arizona Territory, the notice of location of which premises is recorded in the office of the County Recorder of said county, in Book ..... of Records of Mines, at page .....; that between the ..... day of ..... A. D. 189..... and the ..... day of ..... A. D. 189..... at least ..... dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of ..... owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (here name the miners or men who worked upon the claim in doing the work) were the men employed by said owner and who labored upon said premises and who did said work and improvements, and said work so done upon said premises is described as follows, to-wit: (Here describe the work done.) ..... (Signature)  
 Subscribed and sworn to before me, ..... this ..... day of ..... 189.....  
 ..... Notary Public.

[SEAL]  
**SECTION 10.** Such affidavit when so recorded shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit after it has been recorded, or a certified copy of record of same, shall be received as evidence accordingly by all the Courts of this Territory.

**SECTION 11.** The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to same extent as is required in making a new location; or the locator may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, and shall erect new or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location certificate shall state if the whole or any part of the new location is located as abandoned property.

**SECTION 12.** This Act shall take effect and be in force from and after July 1st, 1895.  
**SECTION 13.** All Acts and parts of Acts in conflict with this Act are hereby repealed.



The above diagram is to give the locator a general idea of plan of location under the new law. Your discovery shaft can be in the center of claim or any distance from from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

TERRITORY OF ARIZONA, }  
 County of ..... } ss.  
 ..... County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at ..... o'clock ..... M., on this ..... day of ..... 189....., and duly recorded in Book No. .... of ..... Records of ..... County, Arizona, at pages .....  
 WITNESS my hand and official seal the day and year first above written.

.....  
 County Recorder.

Notice of Location.

QUARTZ CLAIM.

DATED ..... 189.....

Filed and recorded at request of .....

..... A. D. 189.....

at ..... M.

Book .....

Pages .....

By .....  
 County Recorder.  
 Deputy Recorder.

NO. 110. HEERMANS STATIONERY CO., TUSSON, ARIZONA



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. 3<sup>rd</sup>, 1904

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 I. W. Wallace, et al.,

known as the WONDER

situate in Warren Mining District, Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. G & S R B. & M. (unsurveyed), designated as Survey No. 1976

executed by Franklin W. Smith, U.S. Deputy Mineral

Surveyor, Aug. 18 - 20, 1904, under my instructions dated

Aug. 16, 1904, 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 J. Leggett

U. S. Surveyor-General for Arizona.

# Survey No. 1976.

Scale. 1 in. = 200 ft.

