

MAR. 19. 1913

(4-683.)

Mineral Survey No. 3051

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

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ida Russell

KNOWN AS THE

Arizona, Copper Bell

Casa Grande

Mining District,

Pinal

County, Arizona, Approx.

Section 11, Township 10 S., Range 5 E., Unsur.

Surveyed under instructions dated Feb 8, 1913,

by W. H. Merritt,

U. S. ~~Deputy~~ Mineral Surveyor.

Claim located See location notes, 1

Survey commenced Mar. 5<sup>th</sup>, 1913,

Survey completed Mar 6<sup>th</sup>, 1913,

o 6-100

Address of Claimant,  
J. E. Russell, Atty.  
Prescott Arizona

(1)  
SURVEY No. 3051 COPPER BELL

Feet	<p>Beginning at Cor.No.1. Identical with the loc. A Schist stone 6X8X24 ins.set 12 ins.in the ground with mound of stones chiseled 1-C-B-3051 Whence U.S.L.M.No.1488 brs. S 30°56'E 6768.05 feet.No bearings available. Loc.cor. A Post 4X4 ins.X 5 ft.in mound of stones &amp; earth. Cor.No.2,Isabella lode.Sur.No.3052 brs.S.77°11'E.643.6 ft. Thence N 76°20'W Var. 14°E</p>
300	<p>S.C.End. Identical with the loc. A Post 4X4 ins.X 5 ft.in mound of stones and earth.</p>
600	<p>To Cor.No.2. Identical with the loc. Porphyry stone 6X6X24 ins.set 12 ins.in the ground with post 4X4 ins.X 5ft.set in mound of stones and earth.Chiseled 2-C-B-3051 No bearings available.LocCor.post 4X4 ins.X 5ft.in mound of earth. Thence N 13°40'E Va.14°E</p>
720	<p>W.C.S. Identical with the loc.a post 4X4 ins.X 5 ft in mound of earth.</p>
1500	<p>To Cor.No.3. Identical with the loc. and with cor.No.2 Arizona lode of this sur. A Schist stone 6X8X24 ins.set 12 ins.in the ground with post 4X4 ins.X 5 ft.set in mound of stones and earth, chiseled 3-C-B.2-A-3051.No bearings available. Loc.cor. post 4X4 ins.by 5 ft.in mound of earth. Thence S 76°20'E Va.14°E</p>
300	<p>N.C.E. Identical with the loc and with the S.C.E. of Arizona lode of this sur. a post 4X4 ins.X 5 ft.in mound of stones and earth.</p>
600	<p>To Cor.No.4. Identical with the loc.and with cor.No.1 Arizona lode of this sur. A granite stone 9X10X 22 ins.set 12 ins.in the ground with post 4X4 ins.X 5 ft,set in mound of stones and earth chiseled 4-C-B-1-A-3051.No bearings available.</p>

(2)  
Survey No. 3051

Feet Loc. cor. post 4X4 ins. X 5 ft. in mound of earth.

Thence S 13°40'W Va. 14°E

720 E.C.S. Identical with the loc. a post 4X4 ins. X 5 ft. in mound of stones and earth.

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

ARIZONA.

Beginning at Cor. No. 1.

Identical with the loc. and with cor. No. 4 Copper Bell lode of this sur. hereinbefore described, whence: -U.S.L.M. No. 1488 brs. S 23°17'E 7906.9 feet.

Thence N 76°20'W Va. 14°E.

300 S.C.E. Identical with the loc. and with the N.C.E. of Copper Bell lode of this sur. hereinbefore described.

600 To Cor. No. 2.

Identical with the loc. and with Cor. No. 3. Copper Belle lode of this sur. hereinbefore described.

Thence N 13°40'E. Va. 14°E

720 W.C.S. Identical with the loc. a post 4X4 ins. X 5 ft. in mound of stones and earth.

1500 To Cor. No. 3.

Identical with the loc.

A Schist stone 6X8X24 ins. set 12 ins. in the ground with post 4X4 ins. X 5 ft. set in mound of stones and earth chiseled 3-A-3051 No bearings available. Loc. cor. post 4X4 ins. X 5 ft. in mound of earth.

Thence S 76°20'E Va. 14°E

300 N.C.E. identical with the loc. a post 4X4 ins. X 5 ft. set in mound of stones.

600 To Cor. No. 4.

Identical with the loc.

A Schist stone 6X6X24 ins. set 12 ins. in the ground with post 4X4 ins. X 5 ft. set in mound of stones, chiseled 4-A-3051. No bearings available. Loc. cor. post 4X4 ins. X 5 ft. in mound of stones.

Survey No.3051

Thence S 13°40'W Va.14°E

720 E.C.S. Identical with the loc.a post 4X4 ins.X 5 ft.in mound of earth

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

AREA

Arizona lode total area 20.661 acres.  
Copper Bell lode total area .....20.661 "

Adjoining Claims.

This claim is bounded on all sides by U.S.Land.

Location.

This claim is located approximately in sec.11 T.10 S.R.5 E,unsurveyed.Casa Grande Mining District Pinal County Arizona.

Ledges.

As near as can be determined from present developments the veins of the several lodes embraced in this claim extend as follows from their respective end centers.

Copper Bell lode 1500 ft.N 13°40'E from S.c.e. to N.c.e.  
Arizona " 1500 " N 13°40'E " S.c.e " N.c.e.

Expenditure of five hundred dollars.

I certify that the value of the labor and improvements made upon this claim by the claimant or her grantors is not less than five hundred dollars on each lode ,and that said improvements consist of:

Copper Bell

No.1 dis.shaft which is on the lode line 375 ft. from the S.C.E. 4X6X 50 ft. value .....\$500.00  
No.2. shaft which brs.from cor.No.3 S 55°15'E 310 ft. 4X6X 80 ft. ....value ..... \$800.00  
Total value of the improvements on Copper Bell lode \$1300.00

Arizona

No.1 dis shaft which is on the lode line distance 737 ft. from the S.C.E. 4X6X 10 ft.value ..... \$80.00  
The following works all bear from cor.No.2  
No.2 shaft 4X6X 200',timbered,N. 47°30'E 595 ft. Value ..... \$5000.00  
No.3 shaft N 34°15'E 655 ft.4X6X150 ft.value 1800.00  
No.4 " N 31°40'E 800 ft.4X6X 60 ft.value 600.00  
Total value of the improvements on Arizona lode \$7480.00

Instrument

This survey was made with a Gurley Solar Transit.The courses were deflected from the meridian as determined by direct solar observations.The distances were measured with 100-ft.and 500-ft.steel tapes. The latitude obtained at the Note:- north end of the Arizona lode was a little less than 32° 35'.

I administered the oath of my assistant to save delay and expense. The nearest person authorized to administer oaths was at Casa Grande, a distance of about 25 miles. The expense of such a trip, including stage fare, wages, etc., would have been over \$13.00.

*William H. Merrill*  
U.S.Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by William H. 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 mining claim of Ida Russell  
 known as the Arizona, Copper Bell  
 and showing the respective capacities in which they acted.

....., Chainman.  
Geo. A. Wilson....., Chainman.  
 ....., Axman.  
 ....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I Geo. A. Wilson,  
~~and~~....., do solemnly swear that ~~we~~ assisted William H. Merritt  
 ....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Ida Russell  
 known as the Arizona, and Copper Bell  
 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

....., Chainman.  
Geo. A. Wilson....., Chainman.  
 ....., Axman.  
 ....., Flagman.

Subscribed and sworn to by the above-named persons before me this 8th  
 day of March....., 1903.

William H. Merritt  
 U.S. Mineral Surveyor

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, William H. Merritt, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 8-1913, 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 Ida Russell, known as the Arizona, Copper Bell situate in Casa Grande Mining District, Pinal County, Arizona <sup>approx</sup>, in Section 11, Township No. 10 S., Range No. 5 E. 2nd and designated as Survey No. 3051, 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 her 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 H. Merritt  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said William H. Merritt  
U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary Public  
in and for Yavapai County, Arizona this 14<sup>th</sup>  
day of March, 1913,

Ziba O. Brown  
Notary Public

my Commission  
Expires Feb. 22-1916.



LOCATION NOTICE.

Notice is hereby given that the "ARIZONA" Mining Claim, containing mineral bearing quartz, earth or rock in place, located by A. G. Sandberg on this first day of January 1901, has been located for mining purposes.

Said claim is 1500 feet in length and we claim 300 feet on each side of the discovery shaft, for full length of claim. the general course of the lode, deposit or premises is Northerly & Southerly.

This claim is situated in the Casa Grande Mining District Pinal County, Arizona, about 2½ miles in a Southerly <sup>west</sup> direction from the Mammon Mill, laying West of the East Lake Mine adjoining the same and running parallel with it.

This claim is bounded and marked as follows, to-wit: Beginning at the Northerly center end of claim being 750 feet Southerly of the discovery shaft, upon which this notice is posted; thence 300 feet in a Easterly direction to a post or monument; thence 750 feet in a Southerly direction to a post or monument at the center of the Easterly side of said claim; thence 750 feet in a Southerly direction to a post or monument; thence 300 feet in a Westerly direction to a post or monument, being the center end post or monument of Southerly end of said claim, and 750 feet from the discovery shaft; thence 300 feet in a Westerly direction to a post or monument; thence 750 feet in a Northerly direction to a post or monument, being the center of the West side of claim; thence 750 feet in a Northerly direction to a post or monument; thence 300 feet in a Easterly direction to the place of beginning.

Done under and by virtue of the laws of the United States and the laws of the Territory of Arizona.

A. G. Sandberg, Ls.

Locator.

Witness:

.....



Territory of Arizona,)
( Arizona
County of Pinal. )

I, A. G. Sandberg, do hereby certify that I am a locator of the within named and described mining claim. That there has been sunk by the discoverers of said claim a shaft at least ten feet deep below the lower rim of the shaft at the surface showing a lode, deposit or mineral in place, within ninety days prior to this date, and since the discovery of the lode on said claim. That the discoverer within the said time have marked the surface boundaries of said claim by eight substantial posts or monuments, at least three feet in height, one at each corner of said claim, and one at the center of each end and side thereof; and posted at the point of discovery on the surface a plain sign or notice substantially conforming to the within location certificate. Dated January 22d 1901.

Dated January 22d 1901. ....

Filed and recorded at request of A. G. Sandberg on the 5th day of Febry A. D. 1901, at 1 o'clock P. M.

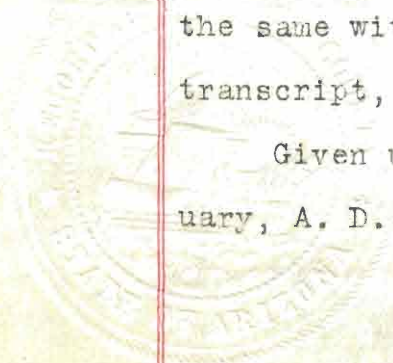
Thos. G. Peyton, Recorder.
By T. A. Lonergan, Depy.

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State of Arizona,)
( ss.
County of Pinal. )

I, G. F. Watson, County Recorder in and for the County of Pinal, State of Arizona, do hereby certify that the within and foregoing is a full, true and correct copy of the "ARIZONA" Mining Claim, as the same appears of record in my office in Book No.18 of Records of Mines, at pages 141 & 142; that I have compared the same with the original record, and that the same is a true transcript, and of the whole thereof.

Given under my hand and seal of office this 24th day of January, A. D. 1913.



G. F. Watson
County Recorder.



## LOCATION NOTICE.

Notice is hereby given that the "COPPER BELL" Mining Claim, containing mineral-bearing quartz, earth or rock in place located by A. G. Sandberg on the First day of January 1901, has been located for mining purposes.

Said claim is 1500 feet in length, and we claim 300 feet on each side of the discovery shaft, for full length of claim. The general course of the lode, deposit or premises is Southerly and Northerly.

This claim is situated in the Casa Grande Mining District, Pinal County, Arizona, about one mile in a Easterly direction from the Prosperity Mine.

This claim is bounded and marked as follows, to-wit: Beginning at the Southerly center end of claim, being 700 feet Southerly of the discovery shaft, upon which this notice is posted; thence 300 feet in a Easterly direction to a post or monument; thence 750 feet in a Northerly direction to a post or monument at the center of the Easterly side of said claim; thence 750 feet in a Northerly direction to a post or monument; thence 300 feet in a Westerly direction to a post or monument, being the center end post or monument of the Northerly end of claim; and 800 feet from the discovery shaft; thence 300 feet in a Westerly direction to a post or monument; thence 750 feet in a Northerly direction to a post or monument, being the center of the West side of claim; thence 750 feet in a Northerly direction to a post or monument; thence 300 feet in a Easterly direction to the place of beginning.

Done under and by virtue of the laws of the United States and the laws of the Territory of Arizona.

A. G. Sandberg Ls.

Witness:

Locator

C. R. Peterson.





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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

May 16, 1913.

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

Ida Russell

, known as the ARIZONA, COPPER BELL

, situate in CASA GRANDE

Mining District, PINAL County,

ARIZONA Approx., in Section 11, Township No. 10 S,

Range No. 5 E., Unsur., and designated as Survey

No. 3051, 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 <sup>each of</sup> said mining claim by claimant or her grantors, and  
that said improvements consist of 6 shafts, total value \$8780.00

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.



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,

May 16, 1913.

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

Ida Russell

, known as the

ARIZONA, COPPER BELL

situate in CASA GRANDE Mining District,

PINAL County, ARIZONA

in Section Approx. 11, Township No. 10 S., Range No. 5 E., Unsur.

, designated as Survey No. 3051

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

Surveyor, March 5-6, 1913, 190, under my instructions dated

Feb. 8, 1913, 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 S. Ingalls

U. S. Surveyor-General for Arizona.