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Received 10/99

(4-683.)

Mineral Survey No. 1406

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

Gila Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. R. Richardson

KNOWN AS THE

Georgia lode

Palagonia

Mining District,

Santa Cruz County, Arizona

Section \_\_\_\_\_, Township 24 S, Range 16 10 E  
Unsurveyed

Surveyed under instructions dated Sept 23rd, 1899,

by John A. Storey  
U. S. Deputy Mineral Surveyor

Claim located see location certificate, 18 .

Survey commenced Oct 11<sup>th</sup>, 1899.

Survey completed Oct 12<sup>th</sup>, 1899.

address of claimant, Crittenden, Arizona.



# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, J. A. Mc Gaughey and Albert de la Ossa, 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 R. R. Richardson

....., known as the Georgia lode situate in Patagonia mining district, Santa Cruz County, Arizona, in Section ....., Township No. ...., Range No. ....

J. A. Mc Gaughey, Chainman.  
Albert de la Ossa, Chainman.

Subscribed and sworn to by the above-named persons before me this 27 day of Sept, 1899

J. J. Byler

I, J. A. Mc Gaughey, 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 R. R. Richardson

known as the Georgia lode, more fully described in the preceding affidavit.

J. A. Mc Gaughey, Axeman.

Subscribed and sworn to by the said J. A. Mc Gaughey before me this 27<sup>th</sup> day of Sept, 1899.

J. J. Byler

I, Albert de la Ossa, 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 R. R. Richardson

known as the Georgia lode, more fully described in the preceding affidavit.

Albert de la Ossa, Flagman.

Subscribed and sworn to by the said Albert de la Ossa before me this 27<sup>th</sup> day of Sept, 1899.

J. J. Byler

*Santa Cruz*

*Santa Cruz*

*Santa Cruz*



17221-

Survey No. 1406,  
Georgia Lode.

Beginning at Cor. No. 1,  
On line 2-3 Sur. No. 1400, Docu lode, at  
S.  $81^{\circ}20' E$ , 370 ft from Cor. No. 2.

A Juniper post 4 ft long, 4 ins square, set 2 ft in  
the ground, with mound of stone, Scribed  $\frac{1}{1406}$  whence,  
U. S. M. M. No. 1 bears S.  $20^{\circ}00'30'' W$ , 4759.45 ft,

a white oak 9 ins in diam, bears N.  $42^{\circ}45' W$ , 44.7 ft and

A white oak 10 ins in diam, bears S.  $48^{\circ}20' W$ , 70.7 ft, both scribed B. J.  $\frac{1}{1406}$ .

A well bears S.  $35^{\circ}30' E$ , 46 ft.

Thence N.  $81^{\circ}20' W$ .

Var.  $12^{\circ}10' E$ .

- 86 North end center post, Sur. No. 1400, Docu lode,  
145 Middle Washington gulch, 30 ft wide, Course S.  $57^{\circ} E$ .  
225 Middle Washington gulch 30 ft wide,  
Course N.  $20^{\circ} E$ .  
370 Cor. No. 2, Sur. No. 1400, Docu lode,  
525 Middle Washington gulch, 40 ft  
wide, Course S.  $55^{\circ} E$ .  
750 South side center stake and monument,  
900 Middle Washington gulch 25 ft  
wide, Course N.  $85^{\circ} E$ .  
980 Middle road, Course N.  $69^{\circ} W$ , and N.  $83^{\circ} E$ ,  
1125 Middle Washington gulch 25 ft  
wide, Course S.  $70^{\circ} E$ .  
1485 middle gulch 10 ft wide, Course N. E.  
1500 To Cor. No. 2.  
A pine post 4 ft long, 6 ins square, set  
2 ft in the ground, with mound of  
stone, Scribed  $\frac{2}{1406}$  whence,  
A white oak 24 ins in diam, bears  
N.  $72^{\circ}30' E$ , 60 ft and  
A white oak 14 ins in diam, bears  
N.  $34^{\circ} W$ , 5.4 ft, both scribed B. J.  $\frac{2}{1406}$ .  
Thence N.  $13^{\circ}30' E$ .  
Var.  $12^{\circ}5' E$ .  
23 Middle Washington gulch 30 ft  
wide, Course, East.  
35 Middle road, Course East and West.  
301.07 West end center post and monument.

- 71221- A post-4 ft long, 4 ins square, set-2 ft in the ground with mound of stone, scribed W.E.C., 1406.
- 450 Middle gulch 15 ft wide, Course East, 602,15 To Cor. No. 3,
- A pine post-4 ft long, 6 ins square, set-2 ft in the ground, with mound of stone, scribed  $\frac{3}{1406}$ , whence,
- A Black oak 10 ins in diam, bears N, 89° 45' E, 61.2 ft; and
- A Black oak 12 ins in diam, bears S, 58° 10' E, 37.9 ft; and
- A Black oak 10 ins in diam, bears N, 38° 40' E, 54.3 ft; All scribed B.T.,  $\frac{3}{1406}$ , Thence S, 81° 20' E,
- Var. 12° 10' E,
- 290 Middle gulch 10 ft wide, Course S. E,
- 530 Middle gulch 15 ft wide, Course S, 10° E,
- 750 North side center post and monument,
- 1255 Middle gulch 50 ft wide, Course South,
- 1375 Middle road, Course N, 10° W, and S, 10° E,
- 1500 To Cor. No. 4,
- A pine post-4 ft long, 6 ins square, set-2 ft in the ground, with mound of stone, scribed  $\frac{4}{1406}$ , whence,
- Chapin's well bears S, 5° W, 22 1/2 ft.
- A Black oak 10 ins in diam, bears S, 41° 50' W, 129 ft;
- Lime Peak bears S, 53° 30' W,
- Thence S, 13° 30' W,
- Var. 12° 5' E,
- 301,07 East end center post and monument,
- A Juniper post-4 ft long, 4 ins square, set-18 ins in the ground with mound of stone, scribed E.E.C., 1406, also Middle road, Course N, 10° W, and S, 10° E,
- 476 Middle road, Course N, 57° W, and S, 57° E,
- 602,15 To Cor. No. 1, the place of beginning.

This survey is identical with that of the amended location,



As near as can be determined from present developments the vein of the Georgia lode extends N. 81° 20' W, 930 ft. and S. 81° 20' E. 570 ft. from the discovery shaft;

#### Area

Total and Net area Georgia lode 20.662 acres

#### Location.

This claim is located in Washington Camp, Patagonia Mining District, in the Southern part of Santa Cruz County, Territory of Arizona, on unsurveyed lands. Approx. in T<sub>p</sub>. 24 S R. 16 E.

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:

- No. 1 - The discovery shaft - 4 x 6 ft. - 10 ft. deep, in earth and rock, which bears from Cor. No. 1 N. 52° 29' W, 621.8 ft., Value \$100.
- No. 2 - A shaft which bears from Cor. No. 1 N. 56° 25' W, 639 ft., 6 x 6 ft., 60 ft. deep, in rock and vein matter, Value \$600.
- No. 3 - A shaft - 8 x 8 ft., 15 ft. deep, in rock and vein matter, which bears from Cor. No. 1 N. 61° 10' W, 699 ft., Value \$300.

#### Other Improvements.

An adobe house 53 x 20 ft., Course of long side N. 43° 30' E, the N. E. corner of which bears from Cor. No. 1 N. 49° 30' W, 360 ft.

An adobe house 35 x 14 ft., Course N. 87° 30' E of long side, the S. E. corner of which bears from Cor. No. 1 N. 65° W, 400 ft.

#### Instruments.

This survey was made with a Greley Light Mountain Transit.

The Courses were deflected from the true Meridian as determined by direct-solar observations, The distances were measured with 50 ft and 300 ft steel tapes,

John A. Storm.  
U. S. Dep. Min<sup>er</sup> Sur.  
Tucson, Ar.  
Oct. 20/99.

Area Calculation. Sur. No. 1406, Georgia lode.

Bear	Dist	N	S	E	W	E 2D	W 2D	Mult	N. a.	S. a.
N, 81° 20' W	22,727	3,425			22,447		24,597	—		
N, 13° 30' E	9,123	8,871		2,130			20,337	20,337 W		180,409527
S, 81° 20' E	22,727		3,425	22,447		24,597		4,660 E		14,590500
S, 13° 30' W	9,123		8,871		2,130	20,337		24,597 E		218,199987

2) 413,20014  
20,66007 acres

Area in conflict with New York lode, (unsurveyed)

Bear	Dist	N	S	E	W	E 2D	W 2D	Mult	N. a.	S. a.
N, 13° 30' E	3,249	3,159		0,758			3,744	—		
S, 51° 20' E	3,807		0,574	3,744		4,522		4,522 E		2,595628
S, 60° 15' W	5,209		2,555		4,522		0,758	3,744 E		9,729940

110' excluded  
 2) 12,325548  
0,6162784

This claim is bounded on the north by no known claim, on the east by the Dr Green lode, on the south by Sur. No. 1400, Doco lode, and Golden Gate lode (unsurveyed,) on the west by the New York lode, unsurveyed.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by John A. Stone  
 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 R. R. Richardson  
 known as the Georgia lode  
 and showing the respective capacities in which they acted.

- J. A. Gaughy, <sup>Mr.</sup> Chainman.
- Albert de la Ossa, Chainman.
- J. A. Gaughy, <sup>Mr.</sup> Axman.
- Albert de la Ossa, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, J. A. Gaughy  
 and Albert de la Ossa, do solemnly swear that we assisted  
John A. Stone, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of R. R. Richardson

known as the Georgia lode, 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. A. Gaughy, Chainman.
- Albert de la Ossa, Chainman.
- J. A. Gaughy, Axman.
- Albert de la Ossa, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 16<sup>th</sup> day of October, 1899

J. J. Byler  
 Notary Public

*Stone*



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Storm, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 23<sup>rd</sup>, 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 Mining Claim of R. R. Richardson, known as the Georgia Lode, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. un surveyed lands and designated as Survey No. 1406, 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.

John A. Storm  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Storm  
U. S. Deputy Mineral Surveyor, before me John Smith a Notary Public  
in and for Santa Cruz Co Ariz this 18<sup>th</sup> day of October, 1899.

John Smith  
Notary Public  
My Commission Expires  
May 8<sup>th</sup> 1900





Affidavit of Five Hundred Dollars Improvements.

We, Emerson Gee, and Joseph H. Good

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Georgia mining claim, situate in Patagonia Mining district, Santa Cruz County, Arizona Territory, for which

R. R. Richardson

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

Emerson Gee

Joseph H. Good

TERRITORY OF ARIZONA,

County of Santa Cruz } ss:

Sworn to and subscribed before me, this Sixth day of October, 1899

J. H. Pyler  
Notary Public

Sub-C. N.



114  
Territory of Arizona  
County of Santa Cruz } Amended Location Certificate  
11

I know all men by these presents,  
that I, R. R. Richardson of the  
County of Santa Cruz and Territory  
of Arizona, the undersigned, have  
this 29<sup>th</sup> day of May, 1899, amended  
located and claimed, and by  
these presents do amend, locate  
and claim by right of discovery  
and amended location, in compliance  
with the Mining Acts of Congress,  
approved May 10<sup>th</sup>, 1872, and all  
subsequent acts, and with  
local customs laws and regulations  
1500 linear feet and horizontal  
measurements on the Georgia  
lode, vein, ledge or deposit, along  
the vein thereof, with all its  
dips, angles and variations, as  
allowed by law, together with 300  
feet on each side of the middle  
of said vein at the surface,  
so far as can be determined  
from present developments and  
all veins, lodes, ledges or deposits  
and surface ground, within  
the lines of said claim 570  
feet running S. 81° 20' E. from  
center of discovery shaft, and  
930 feet running N. 81° 20' W. from  
center of discovery shaft, said



discovery shaft being situated upon said lode, vein, ledge or deposit, and within the lines of said claim in Tataviva Mining District, County of Santa Cruz and Territory of Arizona described by metes and bounds as follows to-wit:

Beginning at Corner No. 1, the S.E. Cor. of post and monument, whence a white oak 9 ins. in diam. bears N.  $42^{\circ}45'$  W. 44.7 ft. a well in Washington Gulch bears S.  $35^{\circ}30'$  E. 46 ft. Thence N.  $81^{\circ}20'$  W. 750 ft. to South side Center post and monument, 1500 feet to East and monument Cor. No. 2. Situated in Washington Gulch, whence, a white oak 24 ins in diam. bears N.  $72^{\circ}30'$  E. 60 ft. and a white oak 14 ins in diam. bears N.  $34^{\circ}$  W. 5.4 ft. Thence N.  $13^{\circ}30'$  E. 301.07 ft. to the west end center East and monument, 602.15 ft. to East and monument. Thence N.  $77^{\circ}$  Cor. No. 3 thence S.  $81^{\circ}20'$  E. 750 ft. to North side Center East and monument, 1500 ft. to East and monument. Thence N.E. Cor. No. 4. whence Chapin's well, near Store, bears S.  $5^{\circ}$  W. 226 ft. Thence S.  $13^{\circ}30'$  W. 301.07 ft. to



post and monument at East  
end center, 602.15 ft. to Cor.  
No. 1, the place of beginning, Var. 12° E.

This being the same lode  
originally located on the 5<sup>th</sup>  
day of March, 1898, and recorded  
on the 17<sup>th</sup> day of May, 1898, in  
Book D. J. Page 141, in the office  
of the Recorder of Piima County,  
this further and amended  
certificate of location is made  
without waiver of any previously  
acquired rights but for the  
purpose of correcting any errors  
in the original location,  
description of record.

This claim is located in what  
is known as Washington Camp.

R. R. Richardson (Seal)

Said lode was discovered the 5<sup>th</sup>  
day of March, A.D. 1898.  
Date of Location Mar. 5<sup>th</sup>, 1898  
Date of Amended Certificate  
May 30<sup>th</sup> A.D. 1899.



Territory of Arizona  
County of Santa Cruz

I W M Cummings  
Recorder of Santa Cruz County  
Territory of Arizona hereby Certify  
that the foregoing is a true and  
Correct Copy of Amended Location  
Certificate Recorded in Book one  
Mining Locations in this office  
Page 115 W M Cummings



Filed at request of  
Fred S Brown July 5<sup>th</sup> 1899  
at 9 o'clock A M Witness  
My hand and official seal  
this 21<sup>st</sup> day of September A D 1899

W M Cummings  
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.*

*November 27, 1899.*

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 *R. R. Richardson,*

....., known as the

*Georgia lode.*

situate in *Patagonia.* mining district,

*Santa Cruz* County, *Arizona.*

in Section *—*, Township No. *—*, Range No. *(unsurveyed.)*

....., designated as Survey No. *1406.*

executed by *John S. Storm,* U. S. Deputy Mineral

Surveyor, *Oct. 11-12*, 1899., under my instructions dated

*Sept. 23<sup>d</sup>*, 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.*



# SURVEY No 1406. GILA LAND DISTRICT.

Surveyed Oct. 11-12-1899.  
By John A. Storm,  
U.S. Dep. Min. Surveyor,

*Handwritten note:*  
This land

