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(4-683.)

Mineral Survey No. 1401

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

Gila Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. R. Richardson

KNOWN AS THE

Arizona Cade  
Patagonia Mining District,

Santa Cruz County, Arizona  
Section \_\_\_\_\_, Township 248, Range 10E  
vegged lands on mesa

Surveyed under instructions dated Sept-23<sup>rd</sup>, 1899,

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

Claim located Near 698-Arid. May 27, 1899.

Survey commenced September 30<sup>th</sup>, 1899.

Survey completed October 2<sup>nd</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  
Arizona lode  
situate in Patagonia mining district,  
Santa Cruz County, Arizona,  
in Section ....., Township No. ...., Range No. ....

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

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

J. P. 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 Arizona 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 day of Sept, 1899

J. P. 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 Arizona 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 day of Sept, 1899

J. P. Byler

Subscribed

Subscribed

Subscribed

7221-

Survey No. 1401  
Arizona Lode,

Beginning at Cor. No. 1

A pine post 4 ft long, 4 ins square, set 18 ins in the ground to solid rock, with mound of stone, scribed  $\frac{1}{1401}$ . Whence, U.S. M. M. No. 1 bears S.  $4^{\circ}24'20''$  E. 2447.2 ft. Cor. No. 1. Sur. No. 1412, Pride of the west-love, bears S.  $67^{\circ}10'$  E. 411.7 ft.

A white oak 14 ins in diam, bears S.  $24^{\circ}30'$  W. 20.6 ft. Scribed B.S.  $\frac{1}{1401}$ .

S.E. corner Blacksmith shop on the Pride of the west-love bears N.  $41^{\circ}15'$  E. San Antonio Peak bears S.  $6^{\circ}30'$  E. Huachuca Peak bears N.  $86^{\circ}15'$  E. Thence N.  $1^{\circ}11'$  W.

Var.  $12^{\circ}8'$  E.

- 675 East side center post and monument,  
840 Middle gulch, 15 ft wide, Course Easterly,  
1305 Middle gulch 10 ft wide, Course N.  $70^{\circ}$  E,  
1349 To Cor. No. 2.

A pine post 4 ft long, 4 ins square, set 12 ins in the ground to solid rock, with mound of stone, scribed  $\frac{2}{1401}$ , whence, a white oak 14 ins in diam, bears S.  $13^{\circ}45'$  W. 22 ft. Scribed B.S.  $\frac{2}{1401}$ . Thence N.  $89^{\circ}$  W.

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

- 225 To North end center post and monument

A juniper post 4 ft long, 4 ins square, set 20 ins in the ground, with mound of stone, scribed N.E.C. 1401.

- 525 To Cor. No. 3.

On line 1-2, Sur. No. 1407, Slim Jim lode, at S.  $1^{\circ}11'$  E. 217 ft from Cor. No. 2.

A pine post 4 ft long, 4 ins square, set 2 ft in the ground, with mound of stone, scribed  $\frac{3}{1401}$ . Whence,

A white oak 12 ins in diam, bears S.  $42^{\circ}15'$  E. 43.2 ft. and

A white oak 12 ins in diam, bears S.  $84^{\circ}30'$  W. 3.5 ft. Both scribed B.S.  $\frac{3}{1401}$ .

Foot

Thence S, 1°11' E,

Var. 12° 5' E,

533

East side center stake and monument of  
the Slim Pine lode, Sur. No. 1407,

675-

West side center stake and monument,

1283

Cor. No. 1 and 4, Sur. No. 1407, Slim Pine  
and seven oaks lodes,

1349

To Cor. No. 4,

A pine post 4 ft long, 5 ins square, set  
2 ft in the ground with mound of stone,  
scribed  $\frac{11}{1401}$ , thence,A Black oak 10 ins in diam, bears N. 47°  
45' W, 30.7 ft, andA Juniper 12 ins in diam, bears S, 82° E  
87.5 ft. Both scribed B. J.  $\frac{4}{1401}$ ,

Thence S, 89° E,

Var. 12° 8' E,

300

To South end center post and monument,

A juniper post 4 ft long, 4 ins square, set  
12 ins in the solid rock, with mound  
of stone. Scribed S. E. C. 1401,

525-

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  
Arizona lode extends N. 1°11' W. 989 ft  
and S. 1°11' E. 360 ft. from the discovery shaft.

Well,

Total and net area Arizona lode, 16.25 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,  
Approximately in T<sup>p</sup>. 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 or their grantors, is not less than five hundred dollars, and that said improvements consist of:

No. 1

The discovery shaft which bears from Cor. No. 1, N. 33° 11' 20" W. 424.5 ft., 10 x 8 ft 8 in deep, and is at the face of and bottom of an open cut, in rock and ore.

An open cut - 13 ft wide, 12 ft face, running west - 24 ft to west side of the discovery shaft; A shaft - 8 x 8 ft 8 in deep, 10 ft east of the discovery shaft.

Value of both shafts and open cut \$500

No. 2

A shaft which bears from cor. No. 1 N. 36° 30' W. 345 ft., 4 x 6 ft 10 in deep, in rock.

Value \$50

No. 3

An open cut, the face of which bears from Cor. No. 1 N. 47° W. 335 ft.; 10 x 10 ft; 15 ft running S. 55° 30' W. in rock, Value \$100.

No. 4

An open cut, face of which bears from Cor. No. 4, N. 27° 40' E. 302 ft.; 10 ft face, 12 ft wide, running S. 81° 30' W. 21 ft. in ore and vein matter.

on North side of this cut - 10 ft from face, runs a drift - North 15 ft; 4 x 5 ft; in ore. In N.W. corner of open cut; a shaft - 8 x 5 ft - 10 ft deep, in ore.

Value of cut, drift and shaft; \$450.

Other Improvements.

None.

Instruments.

This survey was made with a Gurley 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.

Note: The disagreement between these field notes and the un. loc. certificate with regard to the courses of East and west lines is due to error in the latter,  
John A. Stormer,  
Surveyor at Oct. 20/99. u. S. Geol. Surv.

Area Calculated sur. No. 1401, Arizona lode

Bear	Chain	Dist	N	S	E	W	25th	10th	Mult	N. C.	S. A.
N. 1° 11' W	20.439	20.436			0.422	7.532					
N. 89° 10'	7.955	0.139			7.954		8.374	8.376			1.169264
S. 1° 11' E	20.439		20.436	0.422			7.532	15.908		325,093888	
S. 89° E	7.955		0.139	7.954		8.374		7.532		1.046948	

326,142834  
 1,169264  
 2) 324,978572  
 16,2489286 acres,

This claim is bounded on the North by the Iowa lode, (unsurveyed), on the East by the Dave Allen lode, (unsurveyed), on the South by no known claim, on the West by the Slim Jim lode, sur. No. 1407,

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by John A. Storm  
 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 Arizona Lode  
 and showing the respective capacities in which they acted.

J. A. McLaughley, Chairman.  
Albert de la Ossa, Chairman.  
J. A. McLaughley, Axman.  
Albert de la Ossa, Flagman.

## FINAL OATHS OF ASSISTANTS.

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

R. R. Richardson  
 known as the Arizona 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. McLaughley, Chairman.  
Albert de la Ossa, Chairman.  
J. A. McLaughley, Axman.  
Albert de la Ossa, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 16th day of October, 18 99

J. H. Byler  
 Notary Public

*Banker*



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 Arizona Lode, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. on unsurveyed lands and designated as Survey No. 1401, 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

*John A. Storm*

Affidavit of Five Hundred Dollars Improvements.

We, Emerson Lee, and Joseph H. Good

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Arizona 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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Emerson Lee  
Joseph H. Good

TERRITORY OF ARIZONA, }  
County of Santa Cruz } ss:

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

J. M. ...  
Notary Public

*Santa Cruz*

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

Know all men by these presents:  
That I, R. R. Richardson, of the  
County of Santa Cruz, Territory of  
Arizona, the undersigned, have  
the 25<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, 1872, and all  
subsequent acts and with  
local customs, laws and regulations,  
1350 linear feet and horizontal  
measurement on the Arizona  
lode, vein, ledge or deposit, along  
the vein thereof, with all its  
dips, angles and variations,  
as allowed by law, together  
with 225 ft. on the East side and  
300 ft. on the West side of the  
middle of said vein at the  
surface, so far as can be  
determined from present develop-  
ments, and all veins, lodes,  
ledges or deposits and surface  
ground within the lines of  
said claim 360 feet running  
S. 1° E. from center of discovery  
and 990 ft. running N. 1° W. from center of discovery shaft.  
Shaft, said discovery shaft

being situate upon said lode, vein, ledge or deposit, and with in the lines of said claim in Patagonia 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 14 ins. in diam. bears S.  $24^{\circ} 30'$  N. 30.6 ft. S. E. Cor. of Black Smith shop on "Bride of the West" mine bears N.  $41^{\circ} 15'$  E. San Antonio Peak bears S.  $6^{\circ} 30'$  E. Quachuca Peak bears N.  $86^{\circ} 15'$  E. Thence N.  $1^{\circ}$  N. 675 feet to the East side center Post and monument, 1350 ft. to Post and monument, the N. E. Cor. No. 2. Thence N.  $89^{\circ}$  N. 225 ft. to Post and monument at North end, 525 ft. to Post and monument, Cor. No. 3. whence a white oak 12 ins. in diameter bears S.  $42^{\circ} 15'$  E. 43.2 ft. Thence S.  $1^{\circ}$  E. 675 ft. to West side center Post and monument 1350 ft. to Post and monument, Cor. No. 4. Thence S.  $89^{\circ}$  E. 300 ft. to South end Post and monument 525 ft. to Corner No. 1. the place of beginning, Var.  $12^{\circ}$  E. This being the same lode origin

ally located on the 6<sup>th</sup> day of March, 1898, and recorded on the 17<sup>th</sup> day of May, 1898 in Book J. J. Pages 742-743 in the office of the Recorder of Pima County, this further 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 discovered the 6<sup>th</sup> day of March A.D. 1898  
 Date of Location, March 16<sup>th</sup>, 1898.  
 Date of Amended Certificate, May 27<sup>th</sup> A.D. 1899

Territory of Arizona }  
County of Santa Cruz } So

13

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 101  
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*

*Dec. 8, 1899.*

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

*R R Richardson*

, known as the

*Arizona lode*

situate in *Patagonia* mining district,

*Santa Cruz* County, *Arizona*,

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. *unsurveyed land*

designated as Survey No. *1401*

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

Surveyor, *Sept 30 to Oct 2nd*, 1899, under my instructions dated

*Sept 23*, 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. 1401.  
 GILA LAND DISTRICT.  
 Surveyed Sept. 30, Oct. 2-1899.  
 by *John A. Storm*,  
 U.S. Dep. Min. Surveyor

