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(4-683.)

Mineral Survey No. 1503

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

C. A. Elliott

of Tucson, Arizona

KNOWN AS THE

"Gray Copper"
Sima

Mining District,

Sima

County,

Arizona

Section 3 and 10, Township 17 South, Range 12 East

Surveyed under instructions dated September 22nd, 1900,

by Charles von Naleben

U. S. Deputy Mineral Surveyor.

Claim located February 21st, 1892.

Survey commenced October 5th, 1900.

Survey completed October 5th, 1900.

o 6-160

Address of claimant
C. A. Elliott
Tucson, Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, C. E. Brown and Vicente Gil,
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 C. A. Elliott Tucson
Pima County, Arizona, known as the
Gray Copper
situate in Pima County, Arizona mining district,
in Section 3 & 10, Township No. 17 N., Range No. 12 E. 4th S. R. Meridian

C. E. Brown, Chainman.
Vicente Gil, Chainman.

Subscribed and sworn to by the above-named persons before
me this 4 day of October, 1900.
My commission expires: August 10, 1902.
Charles von Erleben
Notary Public

I, Martin Solis, 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 C. A. Elliott Tucson,
Pima County, Arizona,
known as the Gray Copper,
more fully described in the preceding affidavit.

Martin Solis, Axeman.

Subscribed and sworn to by the said Martin Solis
before me this 4th day of October, 1900.
My commission expires: August 10, 1902.
Charles von Erleben
Notary Public

I, Victor Bobadilla, 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 C. A. Elliott Tucson,
Pima County, Arizona,
known as the Gray Copper,
more fully described in the preceding affidavit.

Victor Bobadilla, Flagman.

Subscribed and sworn to by the said Victor Bobadilla
before me this 4th day of October, 1900.
My commission expires: August 10, 1902.
Charles von Erleben
Notary Public

Gray Copper Lode. —

feet.

Survey No. 1503. —
Gray Copper Lode.

Beginning at the Initial Monument, identical with the East End Center of the location. —
A pine post 5 feet long, 4 inches square, set 2 feet in the ground with mound of stone, 5 feet base and 3 feet high, scribed E. E. C. 1503. —

Bearing N. $9^{\circ} 20' 10''$ W. —

Var: $13^{\circ} 10' E.$

along the Westerly End Line of the Democrat Lode and ascending steep rocky hill, sloping South Westerly

24. 48. Intersect line between Sections 3 and 10 at $S. 89^{\circ} 56'$ West, 1377.81 feet from Cor. of Sections 2, 3, 10 and 11. —

268 North West Corner of the Democrat (Cor. III.)

302. 8. To Cor. No. 1. identical with the Corner of the location. —

A pine post 5 feet long, 4 inches square, set 1 1/2 inches in the ground to bed rock with mound of stone, 5 feet base and 3 feet high scribed 1. 1503. —

U. S. M. M. No. 2 bears $22. 57^{\circ} 30' E. 158. 115'$
The Cor. of Sects 2, 3, 10 and 11 $Sp. 17 S. R. M. E.$
bears $S. 79^{\circ} 0' 18'' E. 1450. 03$ feet

Bearing S. $88^{\circ} 30'$ W. —

Var: $13^{\circ} 15' E. —$

Descending steep rocky hill, sloping South Westerly

250. Foot of hill and Gulch, 10 feet wide, course South Easterly

Ascend ridge, sloping South Westerly

300. Top of ridge and descend

350. Gulch 15 feet wide, course South Easterly
Ascend ridge, sloping South Westerly

430 Top of ridge and descend

520 Gulch, 15 feet wide, course South Easterly

Bearing

Gray Copper Lode.

feet. Thence over rough broken ground
 750. Gulch, 15 feet wide, course South Easterly
 around ridge
 800. Top of ridge and descend
 900. Gulch 10 feet wide, course Southerly. -
 1025. Wash, 20 feet wide, course Southerly. -
 1220. Wash, 10 feet wide, course Southerly. -
 1400. Wash, 10 feet wide, course Southeasterly. -
 1500. To Cor: No 2. - Identical with the corner
 of the location. -

A pine post, 5 feet long, 4 inches square
 set 18 inches in the ground, with mound of
 stone, 5 feet base, 3 feet high, scribed 2. 1503.
 Mount Baldy bears S. $44^{\circ} 30'$ E. about 25
 miles dist:

Helmet Peak bears S. $73^{\circ} 15'$ E. about
 1 1/2 Mile dist:

Thence S. $9^{\circ} 20'$ E.

Da: $13^{\circ} 10'$ E.

Gently descending

243. 32. Intersect line between Sects 3. and 10. at S. 89°
 $56'$ W. 2883. 52 ft from Cor: of Sections 2, 3, 10 & 11
 or at S. $89^{\circ} 56'$ W. 243. 52 feet from the suppo-
 sed 1/4 Cor: betw: Sect: 3 and 10. - All retracements
 failed to find the supposed 1/4 Cor: and therefore the
 connection had to be made from the Sect: Corner. -
 250. 8
 302. 8 Wash, 10 feet wide, course Southeasterly, around gently
 to the West End Center of the Lode. Identical
 with the location. -

A pine post, 5 feet long, 4 inches square, set 18
 inches in the ground with mound of stone 5 feet base
 3 feet high, scribed W. E. C. - 1503

Thence I continue

S. $9^{\circ} 20'$ E.

Da: $13^{\circ} 10'$ E.

352. 8 Wash, 15 feet wide, course Northeasterly
 605. 6. To Cor: No 3. - identical with the location. -

A pine post, 5 feet long, 4 inches square, set 18 inches in the
 ground with mound of stone 5 feet base and 3 feet high,
 scribed 3. - 1503. -

Mount Baldy bears S. $42^{\circ} 30'$ E. -

Helmet Peak bears S. $79^{\circ} 30'$ E. -

Gray Copper Lode. —

- feet. Thence N. 88° 30' E. —
Va: 13° 10' E. —
 Gently descending
 500 Wash, 10 feet wide, Course Northeasterly, —
 500 Wash, 15 feet wide, Course Northeasterly, —
 095 Wash, 10 feet wide, Course Northeasterly, —
 820 Wash, 15 feet wide, Course Northeasterly, —
 1055 Wash, 10 feet wide, Course Northeasterly, —
 1500. — To Cor: 12° H. —

A stone post, 5 feet long, 4 inches square, set 18 inches in the ground, with mound of stone 5 feet base and 3 feet high, scribed H. — 1503. —

Helmet Peak bear S. 77° 00' E. —
 S. W. Cor: of the Democrat lode (Cor: 12° V.)
 bear S. 9° 20' E. 32 feet dist.

Thence N. 9° 20' W.

Va: 13° 10' E.

- Gently ascending small knoll
 30. Top of knoll, gently descending into big wash. —
 212. 8 South bank of big Wash, Course, Easterly. —
 267. 9. West End Center of the Democrat lode (Corner IV.)
 294. North bank of Wash, Course Easterly. —
 302. 8. To the East End Center of the claim and
 the place of beginning. —

Total and Net Area — 2066 Acres. —

The survey of the Gray Copper lode is identical with the location. —

Location.

This claim is located in the S. E. 1/4 and S. W. 1/4 of Sect: 3 and in the N. E. 1/4 and N. W. 1/4 of Sect: 10. Twp: 17 S. R. 12. E. Gila and Salt River Meridian, about 20 miles South Westerly from Tucson and about 3 1/4 mile Westerly from the San Xavier mine in Pima Mining District, Pima County, Territory of Arizona. —

Gray Coppper Lode. —

Expenditure of Five Hundred Dollars.

I certify, that the value of the labor and improvements upon this claim, placed thereon by the claimant and his grantors, is not less than five Hundred Dollars and that said improvements consist of:

- N^o 1. The discovery shaft 6 x 6 x 30 feet deep, which bears from the East End Center S. 88° 30' W. — 630 feet. — Value \$ 240. 00.
- N^o 2. A Shaft 5 x 6 feet, 20 feet deep, which bears from point on center line S. 88° 30' W. 700 ft from East End Center — S. 72° 15' E. 43 ft. — Value \$ 160. 00. —
- N^o 3. A Shaft, 5 x 6 feet, 10 feet deep, which bears from the same point on the Center line S. 84° 30' E. — 73 feet Value \$ 130. 00. —
- N^o 4. A Shaft 20 x 20 feet, 20 feet deep, which bears from same line point S. 80° 00' E. 71 ft. Value \$ 1000. 00
- N^o 5. An open Cut 4 x 6 x 4 feet deep, which bears from same line point S. 89° 00' E. 152 feet. Value \$ 25. 00.
- N^o 6. A Shaft 5 x 6 feet, 9 feet deep, which bears from same line point N. 87° 00' E. 295 feet Value \$ 70. 00.
- N^o 7. A Shaft 5 x 6 feet, 10 feet deep, which bears from same line point S. 83° 00' E. 290 feet Value \$ 80. 00.
- N^o 8. A Shaft 5 x 6 feet 8 feet deep, which bears from same line point S. 72° 30' E. 189 feet Value \$ 60. 00.

Total value of all improvements: \$ 1765. 00. —

The course of the ledge is easterly and westerly, the length of the same cannot be ascertained as no distinct outcroppings are visible on the surface. — The surface embraced by this claim ascends from the Southwest to the Northeast, the Northeast corner being about 300 feet higher than the Southwest corner. — The vein of the ledge dips about 20° to the Southwest. —

Gray Copper Lode. —

With the exception of the Democrat, as shown on the plat, there are no other adjoining claims. —

Instrument.

This survey was made with a Gurley Engineers Transit. — The courses were deflected from the true Meridian as established through the U. S. M. M. No. 2 and the previous surveys of the Democrat and Ruby Lodes. —

The distances were measured with 100 feet steel tapes. —

Tucson, November 3rd 1900.

Charles von Estleben.

U. S. Deputy Mineral Surveyor.



FINAL OATHS FOR SURVEYS.

LIST OF NAMES

A list of the names of the individuals employed by Charles von Esleben
 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 C. A. Elliott, Tucson, Pima Co, Arizona
 known as the Gray Copper
 and showing the respective capacities in which they acted.

- C. E. Brown....., Chairman.
- Vicente Gil....., Chairman.
- Martin Solis....., Axman.
- Victor Bobadilla....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, C. E. Brown, Vicente Gil, Martin Solis
 and Victor Bobadilla....., do solemnly swear that we assisted Charles von
Esleben....., United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of C. A. Elliott,
Tucson, Pima Co, Arizona
 known as the Gray Copper....., 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.....

- C. E. Brown....., Chairman.
- Vicente Gil....., Chairman.
- Martin Solis....., Axman.
- Victor Bobadilla....., Flagman.

Subscribed and sworn to by the above-named persons before me
 this sixth day of October, 1902.

My commission
expires August 10, 1902.

Charles von Esleben
Notary Public.

Affidavit of Five Hundred Dollars Improvements.

We, Clifton E. Brown, and Thomas Hughes

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

C. A. Elliott of Tucson

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.

Clifton E. Brown
Thomas Hughes

TERRITORY OF ARIZONA,
County of Sima } ss:

Sworn to and subscribed before me, this eighth day of October, 1902

Charles von Bellen
Notary Public.

My commission expires:
August 10. 1902.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Charles von Erleben, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 22 1900, 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 C. A. Elliott, known as the Gray - @ Copper, situate in Pima County, Arizona Mining District, 3 & 10, Township No. 17 S., Range No. 12 East 4. & S. R. Meridian and designated as Survey No. 1573, 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.

Charles von Erleben
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Charles von Erleben
U. S. Deputy Mineral Surveyor, before me J. T. Miller
this second
day of November 1900

J. T. Miller
Notary Public

o 3-154
My commission expires
April 19. 1902.

GRAY COPPER MINE.

11

Notice of Location NOTICE IS HEREBY GIVEN That the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, has this day located and claim 1500 linear feet along the course of this lead, lode or vein of mineral bearing quartz, 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

COMMENCING at this monument of stones, being the center of the Easterly end of the claim and upon which this notice is posted; thence Northeasterly 300 feet to a monument of stones; thence Northwesterly 1500 feet to a monument of stones; thence Southwesterly 300 feet to a monument of stones, being the center of the West erly end of claim; thence southwesterly 300 feet to a monument of stones; thence Southeasterly 1500 feet to a monument of stones; thence Northeasterly 300 feet to the place of beginning.

THIS CLAIM is situated in Pima Mining District, Pima County, Arizona, about 20 miles South-west from Tucson, and about 2000 feet Westerly from the old San Xavier Mine, and shall be known as the Gray Copper Mine.

Located February 21st, 1892.

M. R. Slater.

Witness: Geo. L. Johnson.

Filed and recorded at request of M.R. Slater February 24th, A.D. 1892, in Book CC, Records of Mines, at page 450.

Chas. A. Shibell,

County Recorder.

Territory of Arizona)
) -ss
 County of Pima)

I, Chas. Ashibell, County Recorder in and for the County of Pima, Territory of Arizona, do hereby certify that the foregoing and annexed is a full, true and correct copy of the Location Notice of the Gray Copper Mine, situated in the Pima Mining District, County of Pima, Territory of Arizona, dated February 21st, 1892, as the same appears of record in my office in Book CC, Records of Mines, at page 450.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in Tucson this 4th day of October, 1900.

Chas. A. Shibell

County 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,

Guscon, Arizona

April 18th, 181900-

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 C. A. Elliott

....., known as the

Gray Copper

situate in Pima mining district,

Pima County, Arizona,

in Section 34 10, Township No. 17 S., Range No. 12 East

....., designated as Survey No. 1503-

executed by Charles von Emlen, U. S. Deputy Mineral

Surveyor, October 5th, 1900, 181900, under my instructions dated

September 22nd, 181900, have been critically examined and the

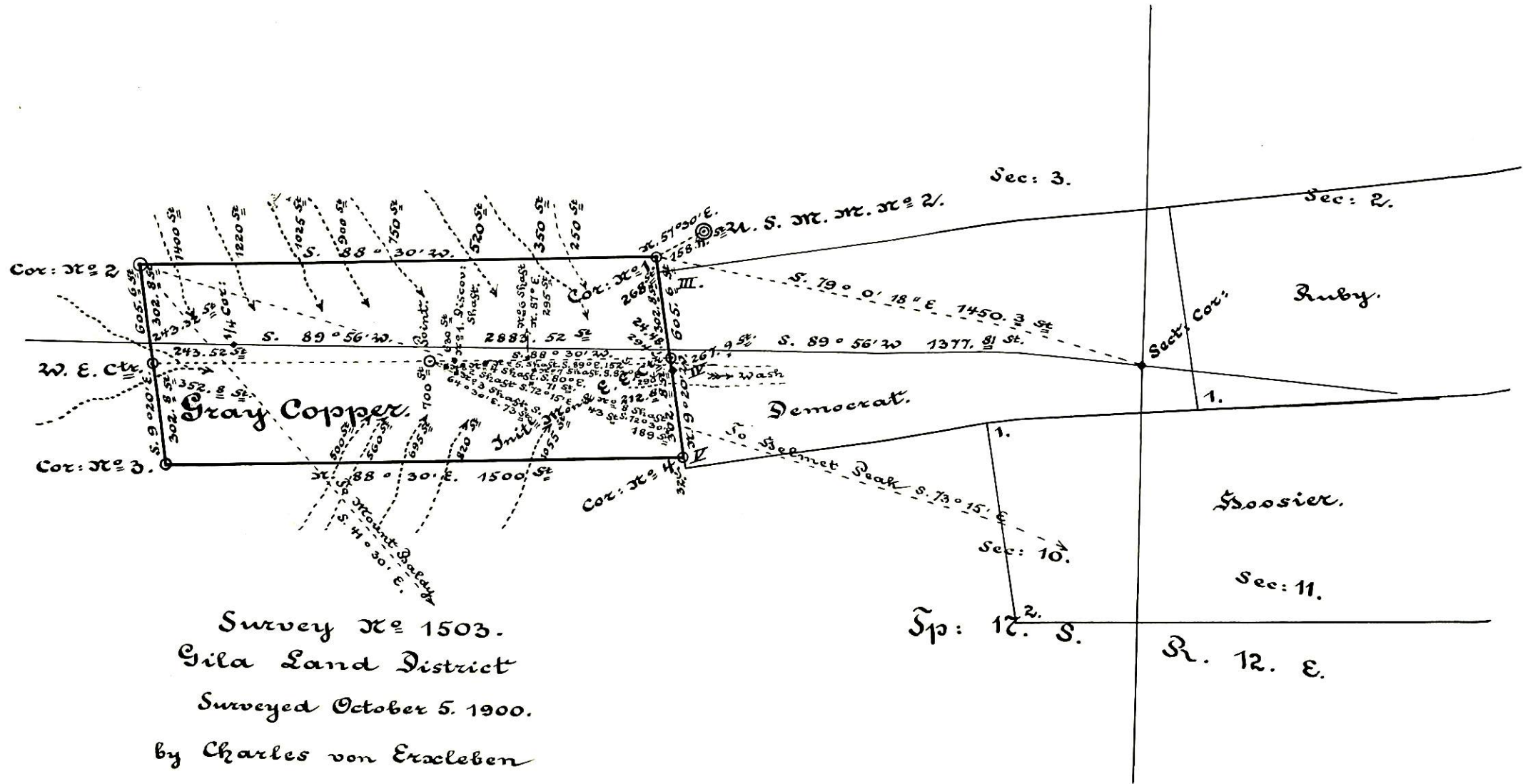
necessary corrections and explanations made, and the said Field Notes and Return, and

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 1503.
 Gila Land District
 Surveyed October 5, 1900.
 by Charles von Eschleben

U. S. Dep^y Mineral Surv^y.

Scale: 400 St = 1 inch.