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Rec'd Oct 20/99

(4-683.)

Mineral Survey No. 1403.

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. R. Richardson

KNOWN AS THE

California Lode

Patagonia Mining District,

Santa Cruz County, Arizona

Section _____, Township 24S, Range 16E unsurveyed lands

Surveyed under instructions dated September 23rd, 1899,

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

Claim located Mar. 6/98, Am^d June 9th, 1899.

Survey commenced October 3rd, 1899.

Survey completed October 11th, 1899.

Address of Claimant:
Crittenden, Arizona.

OK

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, J. A. Mc Gaughy 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
California Lode,
situate in Patagonia mining district,
Santa Cruz County, Arizona,
in Section, Township No., Range No.

J. A. Mc Gaughy 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. Bylin

I, J. A. Mc Gaughy, 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 California Lode,
more fully described in the preceding affidavit.

J. A. Mc Gaughy Axeman.

Subscribed and sworn to by the said J. A. Mc Gaughy
before me this 27 day of
Sept, 1899

J. J. Bylin

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 California 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. J. Bylin

Assistant Comm

Assistant Comm

Assistant Comm

5721

Survey No. 1403.
California Lode.

Beginning at Cor. No. 1.

A pine post 4 ft long, 4 ins square,
set 2 ft in the ground with mound
of stone, Scribed $\frac{1}{2}$ 1403, whence,
U. S. M. M. No. 1 bears N, $65^{\circ}54' W$,
1781.88 ft.

A Black oak 8 ins in diam, bears
N, $78^{\circ} W$, 22 ft, and

A Black oak 8 ins in diam, bears S, 80°
 $45' E$, 56.5 ft, both scribed B. S. 1403,
Cor. No. 1, Lot No. 40 H, bears S, $11^{\circ}45' W$,
683.7 ft.

San Antonio Peak bears S, $1^{\circ}45' E$,

Thence N, $10^{\circ}2' W$,

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

630 West side post and monument.

724.80 Intersect line 4-1, Lot No. 40 H.

Empire Lode, Claimants unknown,
U. S. $15^{\circ}3' W$, 210.6 ft. from Cor. No. 4,

972.2 Intersect line 3-4, Lot No. 40 H, Em-
pire Lode, at N, $67^{\circ}39' W$, 105.73 ft from
Cor. No. 4,

1260 To cor. No. 2.

A juniper post 4 ft long, 3 ins square,
set 2 ft in the ground with mound
of stone, Scribed $\frac{2}{2}$ 1403, whence,
A white oak 7 ins in diam bears S, 79°
 $10' E$, 54.6 ft, and

A white oak 10 ins in diam, bears S, 35°
 E , 54 ft, both scribed B. S. $\frac{2}{2}$ 1403.

Cor. No. 1, Sur. No. 1402, Texas Lode
bears N, $13^{\circ}14' E$, 697.8 ft.

Thence N, $85^{\circ}11' E$.

Var, $12^{\circ}5' E$.

3.

288

To North end post and monument
A pine post 4 ft long, 4 ins square, set
2 ft in the ground, Scribed N. C. C. 1403.

589.2

To Cor. No. 3.

A Juniper post, 4 ft long, 6 ins square
set 18 ins in the ground, with mound

4

4221 of stone, scribed $\frac{3}{1403}$, whence,
 A Black oak 14 ins in diam, bears S, 26°
 15' W, 162 ft, and
 A white oak 14 ins in diam, bears S, 76°
 25' W, 164.5 ft, both scribed B.S. $\frac{3}{1403}$,
 Thence S, 10° 2' E,
 Var, 12° 5' E,

429.72 Intersect line 2-3, Lot No, 39 A, San
 Antonio Lodge, Claimants unknown,
 at N, 40° E, 528.35 ft from cor. No, 3,

130 East side center post and monument,
 814.75 Intersect line 6-1 Lot No 5, Great
 Republic Lodge, Claimants unknown,
 at N, 25° E, 523.14 ft from cor. No, 6,

931.32 Intersect line 4-1, Lot No, 39 A, San
 Antonio Lodge, at N, 40° E, 193.3 ft from
 Cor. No, 4,

1260 To Cor. No, 4,
 A pine post 4 ft long, 4 ins square, set
 2 ft in the ground with mound of stone,
 Scribed $\frac{4}{1403}$, whence,
 Cor. No. 4, Lot No. 39 A, San Antonio Lodge
 bears N, 45° 47' W, 236.7 ft,
 A white oak 14 ins in diam, bears S, 40°
 10' W, 48 ft, and
 A Black oak 12 ins in diam, bears
 S, 17° 30' E, 60.8 ft, both scribed B.S. $\frac{4}{1403}$,
 Thence S, 85° 11' W,
 Var, 12° 10' E.

294.58 Intersect line 6-1, Lot No, 5, Great
 Republic Lodge, at N, 25° E, 11.48 ft from
 Cor. No, 6.

301.2 To South end post and monument,
 A pine post 4 ft long 4 ins square, set 2 ft
 in the ground with mound of stone, Scribed
 S.E.C. 1403, whence;
 Cor, No, 6, Lot No, 5, Great Republic
 Lodge, bears S, 10° 2' E, 10 ft,

589.2 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 California lode extends N. 10° 2' W. 130 ft and S. 10° 2' E. 1130 from the discovery shaft.

Area.

Total area California lode,	16,971 acres.
Area in conflict with	
Lot No. 39 A, San Antonio lode,	3,314 acres
Lot No. 31 Great Republic lode,	1,500 "
Great Republic lode (exclusion of its conflict with Lot No. 39 A San Antonio lode)	1,175 "
Lot No. 40 A, Empire lode,	0.252 "

Total area California lode	16,971 acres
Less area in conflict with	
Lot No. 39 A, San Antonio lode,	3,314 ac.
Lot No. Great Republic lode,	1,175 "
Lot No. 40 A, Empire lode,	0.252 " = 4,741 acres
Net area California lode claim,	<u>12,230 acres.</u>

Location.

This claim is located in Washington Camp, on unsurveyed lands, in the southern part of Santa Cruz County, Territory of Arizona, approx. in T₁ 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 which bears from cor. No. 2 S, 71° 28' E. 326.6 ft. 6 x 8 ft. 12 ft deep, in rock and ore. Value, \$75.
- No. 2- A shaft which bears from cor. No. 2 S, 83° 30' E. 120 ft. 4 x 6 ft 30 ft deep, in rock and vein matter. Value \$300.
- No. 3- A shaft which bears from cor. No. 2 S, 43° 30' E, 364 ft. 6 x 7 ft. 20 ft deep

- in rock and ore, Value \$200,
 No. 4- A shaft which bears from cor. No. 2
 S. 34° 40' E. 615 ft. 6 x 8 ft. 20 ft deep,
 in rock, Value \$200,
 No. 5- A shaft which bears from cor. No. 3,
 S. 27° W. 542 ft. 6 x 7 ft. 15 ft deep,
 in rock, Value \$150,
 No. 6- A shaft which bears from cor. No. 3
 S. 21° 5' W. 538 ft. 7 x 8 ft. 20 ft deep,
 in earth and rock, Value \$150,
 No. 7- A shaft which bears from cor. No. 3
 S. 12° 45' W. 690 ft. 15 x 15 ft 20 ft deep,
 in rock vein matter and ore,
 Value \$1000,
 No. 8- A shaft which bears from cor. No. 3, S. 63°
 30' W. 245 ft. 8 x 10 ft. 20 ft deep, in
 earth and rock, Value \$250,

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 obser-
 vations. The distances were meas-
 ured with 50 ft and 300 ft steel tapes.

John A. Storm,

U. S. Dep. Min. Sur-

Tucson, Ariz.

Oct. 20/99.

Area Calculations, California Code, Sur. No. 1403

Bear	Chains Dist	N	S	E	W	2 DP	10 DP	Mult	N. A.	S. A.
N, 10° 2' 10"	19.091	18,800			3,326		12,221	—		
N, 85° 11' E	8,927	0,748		8,895		5,569		5,569 E	4,145 612	
S, 10° 2' E	19,091		18,800	3,326		12,221		17,790 E		334,452,000
S, 85° 11' 10"	8,927		0,748		8,895		5,569	12,221 E		9,141,308

343,593,308
4,145,612
2) 339,477,696
76,971,3848 acres

Conflict with Lot No. 40 A, Empire Code.

Bear	Chains Dist	N	S	E	W	2 DP	10 DP	Mult	N. A.	S. A.
N, 11° 2' W	3,748	3,691			0,653		1,482	—		
S, 67° 39' E	1,602		0,609	1,482		0,829		0,829 E		0,504,861
S, 15° 3' 10"	3,191		3,082		0,829	0,653		1,482 E		4,567,524

2) 5,072,385
0,253,6192

Conflict with Lot No. 39 A, San Antonio Code.

Bear	Dist	N	S	E	W	2 DP	10 DP	Mult	N. A.	S. A.
S, 40° W	8,006		6,133		5,146		6,524	—		
S, 50° E	6,060		3,895	4,641			0,505	0,505 W	1,966,975	
N, 40° E	2,927	2,743		1,883		6,524		6,019 E	13,500,617	
N, 10° 2' W	7,907	7,785			1,378	0,505		6,524 E	50,789,340	

2) 66,256,932
3,312,8444 acres.

Conflict Lot No. Great Republic Code.

Bear	Dist	N	S	E	W	2 DP	10 DP	Mult	N. A.	S. A.
S, 25° W	7,752		7,022		3,274		11,448	—		
N, 85° 11' E	4,463	0,376		4,448		1,174		1,174 E	0,441,424	
N, 10° 2' 10"	6,746	6,646			1,174	3,274		4,448 E	29,561,408	

2) 30,002,832
1,500,1416 acres.

Lot No. Great Republic Code, Exclusion of its conflict with Lot No. 39 A San Antonio Code

Bear	Dist	N	S	E	W	2 DP	10 DP	Mult	N. A.	S. A.
N, 85° 11' E	4,463	0,376		4,450		3,038		—		
N, 10° 2' 10"	4,677	4,610			0,815	3,635		3,635 E	16,757,350	
S, 40° W	2,929		2,242		1,882		2,697	1,938 E		2,112,996
N, 50° W	0,445	0,286			0,341		2,223	1,258 W		0,367,510
S, 25° W	3,344		3,030		1,412		1,753	3,038 W	9,205,140	

25,962,490
2,470,506
2) 23,491,984
1,174,5992 acres.

This claim is bounded on the North, if any claim, Unknown.
On the South, if any claim, Unknown
On the East, by Lot No. 39 A, San Antonio Code and Great Republic Code, and on the West by Lot No. 40 A, Empire Code.

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 California lode,
 and showing the respective capacities in which they acted.

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

FINAL OATHS OF ASSISTANTS.

We, J. A. Mc Gaughey
 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
California 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. Mc Gaughey, Chairman.
Albert de la Ossa, Chairman.
J. A. Mc Gaughey, Axman.
Albert de la Ossa, Flagman.

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

J. P. Lyell
 Notary Public

San Francisco

(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 23rd, 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 California Lode, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Section _____, Township No. _____, Range No. unsurveyed lands and designated as Survey No. 1403, 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 ^{an.} 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 18th
day of October, 1899.

John Smith
Notary Public
My Commission Expires
May 8th 1900

Handwritten note: Santa Cruz Co. Ariz.

Affidavit of Five Hundred Dollars Improvements.

We, Emerson Gas, and Joseph H. Good

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the California 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 Gas
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. [Signature]
Notary Public

Emerson Gas

100
Amended Location Certificate
Territory of Arizona }
County of Santa Cruz }

11

Know all men by these presents,
That I, R. R. Richardson, of the
County of Santa Cruz, Territory of
Arizona, the undersigned, have
this 8th day of June, 1899, amended,
located and claimed, and by
these presents do amend, locate,
and claim, by right of discovery
and amended location in com-
pliance with the Mining Acts
of Congress, approved May 10, 1872,
and all subsequent acts and
with local customs, laws and
regulations 1260 linear feet and
horizontal measurement on the
California lode, vein, ledge
or deposit, along the vein
thereof, with all its dips, angles
and variations, as allowed by
law, together with 286.8 ft. on
the West side and 300 feet on
the East side of the middle
of said vein at the surface,
so far as can be determined
from presents developments, and
all veins, lodes, ledges or deposits
and surface grounds within the
lines of said claim 130 feet running
N. 10° E., 8 ft. from center of discovery
shaft, and 130 feet running S. 10° E.,

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

Beginning at Corner No. 1, the S. N. Cor., a post and monument, whence, a Black Oak Tree 8 ins. in diameter bears N. $78^{\circ} 7'$ N. 22 ft., and a Black Oak Tree 8 ins. in diam. bears S. $80^{\circ} 45'$ E. 56.5 ft., San Antonio Peak bears S. $1^{\circ} 45'$ E. Cor. No. 1 Sur. No. 40 "A" bears S. $41^{\circ} 45'$ N. 683.7 ft. Thence N. $10^{\circ} 2'$ N. 630 ft. to the West side post and monument 1260 ft. Cor. No. 2. Thence N. $85^{\circ} 11'$ E. 288.5 ft. to North end post and monument 589.2 ft. to post and monument the N. E. Cor. No. 3, whence, a Black Oak Tree 14 ins. in diam. bears S. $26^{\circ} 15'$ N. 162 feet, and a N. Oak 14 ins. in diam. bears S. $76^{\circ} 25'$ N. 164.5 ft. Thence S. $10^{\circ} 2'$ E. 630 ft. to East side Post and monument 1260 ft. to Post and monument, Cor. No. 4, Thence S. $85^{\circ} 11'$ N. 301.2 ft. to South end Post and monument, 589.2 ft. to Cor. No. 1, the place of beginning. Var. 12° E. This

being the same lode originally located on the 6th day of March, 1898, and recorded on the 17th day of May, 1898, in Book J. J. Page 43, in the office of the Recorder of Tama 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 6th day of March A.D. 1898
 Date of Location, Mar. 6th, 1898
 Date of Amended certificate, June 9th 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 100 W. M. Cummings

Filed at request of
 Fred S. Brown July 5/1899
 at 9 o'clock A. M. witness
 my hand and official seal
 This 21st 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

December 7, 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

California lode

situate in *Patagonia* mining district,

Santa Cruz County, *Arizona*,

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

....., designated as Survey No. *1403*

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

Surveyor, *Oct 3 & 4th*, 1899, under my instructions dated

Sept 23, 1899, have been critically examined and the

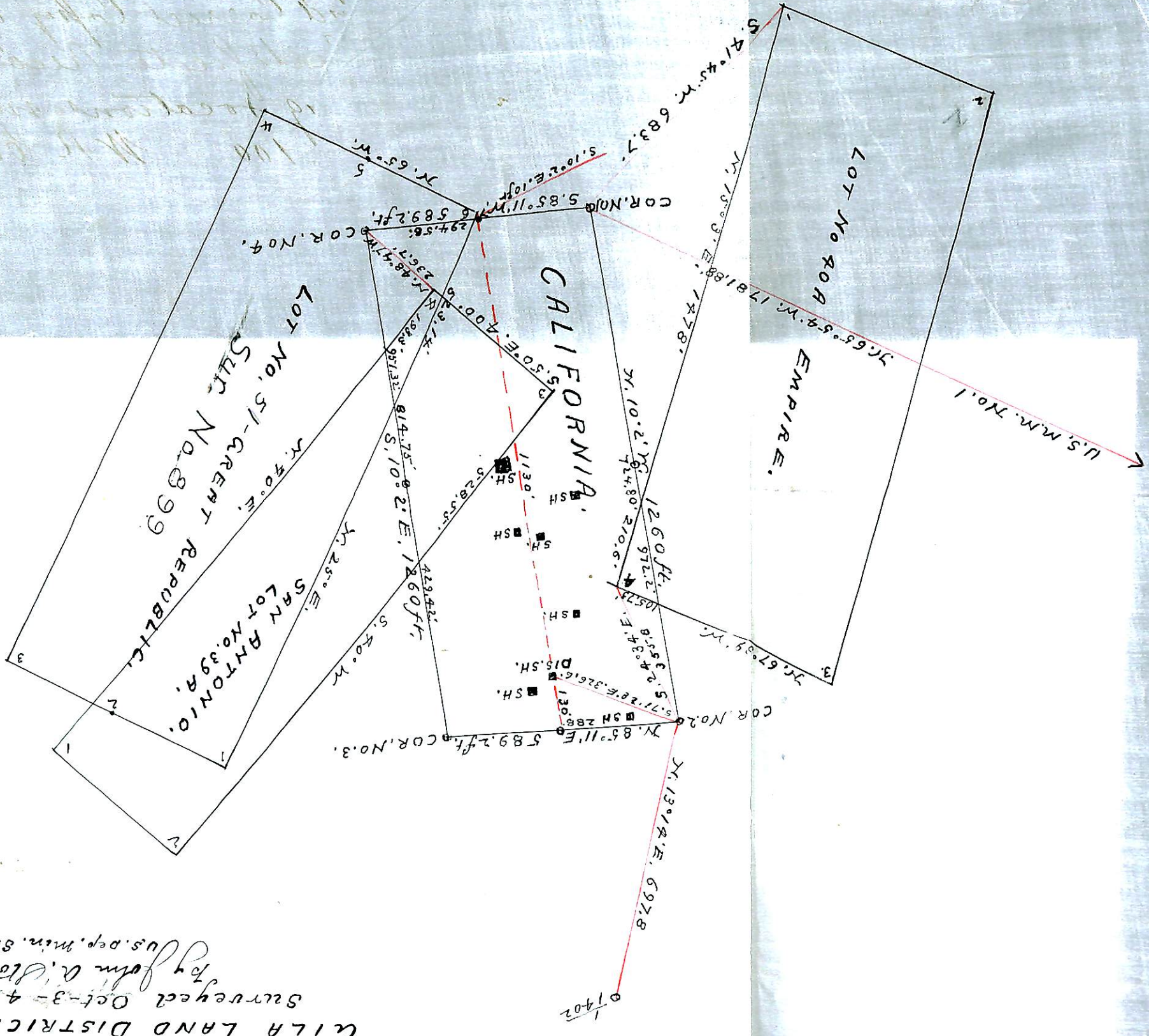
necessary corrections and explanations made, and the said Field Notes and Return, and

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 Christie

U. S. Surveyor General for *Arizona*.



SURVEY No. 1403,
 ALTA LAND DISTRICT,
 Surveyed Oct-3-4-1899,
 by John A. Brown,
 U.S. Dep. Min. Surveyor.

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