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MINERAL SURVEY No. 2539

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Miami Copper Co.

KNOWN AS THE

St. Johns Fraction

Globe Mining District,

Gila County, Arizona

Section 25, Township 13 N., Range 14 E. (unsurveyed)

Surveyed under instructions dated April 16, 1908

by Howard Payne  
U. S. Mineral Surveyor.

Claim located See location notices, 1908

Survey commenced June 12, 1908

Survey completed June 13, 1908

6-822

Address of Claimant's Attorney:

F. J. Elliott,  
Globe, Arizona.

## ST. JOHNS FRACTION LODE MINING CLAIM.

Beginning at corner No.1, the N.E.corner, identical with location and with corner No.1 Red Spring lode, Survey No.2506, whence corner No.2 Red Spring lode bears N 80° 26' W, 613.0 ft., whence the intersection of line 1-2 of the Agent lode, Survey No.2510 with line 1-2 of the Red Spring lode, Survey No.2506 bears N 80° 26' W, 278.05 ft., whence the intersection of line 4-1 of the Agent lode, Survey No.2510 with line 1-2 of the Red Spring lode, Survey No.2506 bears N 80° 26' W, 318.8 ft., a pine post 4 feet long, 4 inches square, set 18 inches in the ground in a mound of stones and scribed 1-2539-St.J.F., whence the S.W.corner of Section 19 and the N.W.corner of Section 30, Tp. 1 N., R. 15. E., G & S R B & M bears N 54° 48' W., 153.6 feet.

Thence S. 18° 23' W.,

- 54.98 to intersection with line 1-2 Agent lode, Survey No.2510  
whence corner No.1 Agent lode bears N 69° 02' W, 315.4 ft.  
300.0 same course to E.E.C, identical with location, a mon. of stone.  
398.0 same course to intersection with Range line 14 E., whence  
the N W corner of Section 30 bears N. 466.23 ft. and the  
W 1/4 corner of Section 30 bears S. 2166.8 ft.  
600.0 same course to corner No.2, identical with location, a  
pine post 4 feet long, 4 inches square, set 18 inches in  
the ground in a mound of stones and scribed 2-2539-St.J.F.  
whence rock croppings chiseled X-2539--B.R. bears N. 48°  
17' W., 33.5 ft.

Thence N. 80° 05' W.,

- 157.2 to intersection with line 4-1 Red Rock lode, Survey No.  
2507, whence corner No.4 Red Rock lode bears N. 56° 02' W,  
1079.1 ft., and point of intersection with line 1-4 Agent  
lode, Survey No.2510 bears same course 190.4 ft.  
342.34 same course to intersection with line 4-1 Agent lode, Sur-  
vey No.2510, whence corner No.1 Agent lode bears N 20° 34'  
E., 610.11 ft. and point of intersection with line 1-4  
Agent lode and line 1-4 Red Rock lode bears same course  
78.96 ft.  
1284.37 same course to intersection with line 1-4 Pinto lode, Sur-  
vey No.2379, whence corner No.1 of Pinto lode bears N 10°  
10' E., 356.08 ft. and intersection of line 1-4 of Pinto  
lode with line 3-4 of Red Rock lode, Survey No.2507 bears  
same course 55.08 ft.  
1304.87 same course to intersection with line 3-4 Red Rock lode,  
Survey No.2507, whence corner No.4 Red Rock lode bears  
N. 30° 33' E., 469.9 ft. and intersection of line 4-1  
Pinto lode, Survey No.2379 and line 3-4 Red Rock lode,  
Survey No.2507 bears same course 58.85 ft.  
1484.0 same course to corner No.3, identical with location, a  
pine post 4 feet long, 4 inches square, set 18 inches in th  
the ground in a mound of stones and scribed 3-2539-St.J.F.  
No. available witnesses.

Thence N. 18° 23' E.,

- 300.0 to W.E.C., identical with location, a monument of stone.  
379.8 same course to corner No.1 of Hot Center lode, Survey No.  
2538 and intersects line 4-1 of Pinto lode, Survey No.  
2379, whence corner No.1 of Pinto lode bears S. 72° 17' E.,  
146.9 ft.  
502.8 same course along line 1-4 Hot Center lode, Survey No.  
2538 to corner No.2 Flat Top lode, Survey No.2538, whence  
corner No.1 Flat Top lode bears S. 76° 28' E., 458.1 ft.  
600.0 same course to corner No.4, identical with location, a  
pine post 4 feet long, 4 inches square, set 18 inches in th  
the ground in a mound of stones and scribed 4-2539-St.J.F.  
No. available witnesses.

- Thence S. 80° 05' E.,
- 474.0 to intersection with line 1-4 Flat Top lode, Survey No. 2538 and line 1-2 Climax lode, Survey No. 2538, whence corner No.1 Flat Top lode bears S. 23° 49' W., 128.92 ft. and whence corner No.1 Climax lode bears S. 73° 21' E., 387.0 ft.
  - 872.15 same course to intersection with line 1-4 Climax lode, Survey No. 2538 and line 2-3 Red Spring lode, Survey No. 2506, whence corner No.1 Climax lode bears S. 26° 49' W., 47.4 ft., and corner No.2 Red Spring lode bears S. 26° 49' W., 3.9 ft.
  - 1165.53 same course to intersection with line 1-4 of Agent lode, Survey No. 2510 at a point from which the intersection of line 1-2 of the Red Spring lode, Survey No. 2506 with line 1-4 of the Agent lode, Survey No. 2510 bears S. 20° 34' W., 1.98 ft, whence corner No.1 of Agent lode bears N. 20° 34' E., 6.11 ft.
  - 1197.41 same course to intersection with line 1-2 of Agent lode, Survey No. 2510, whence the intersection of line 1-2 of Agent lode with line 1-2 of the Red Spring lode, Survey No. 2506 bears S. 69° 02' E., 8.72 ft., whence corner No.1 of Agent lode bears N. 69° 02' W., 31.33 ft.
  - 1356.60 same course to intersection with Range line 14 E., whence the N.W. corner of Section 30 bears N. 66.6 ft. and the N. 1/4 corner of Section 30 bears S. 2566.4 ft.
  - 1484.0 same course to corner No.1., the point of beginning, (~~whence the intersection of line 1-2 of Agent lode, Survey No. 2510 with line 1-2 of Red Spring lode, Survey No. 2506 bears N. 80° 26' W., 278.05 ft., whence the intersection of line 4-1 of Agent lode with line 1-2 of Red Spring lode bears N. 80° 26' W., 318.8 ft.~~)

Variation 13 ° to 13° 30' E. at all corners.

LEDGE

The presumed course of the vein on this claim is from the E.E.C. of location N. 80° 05' W., 1484.0 ft.

LOCATION.

This claim is located in the Globe Mining District, Gila County, Arizona, approximately in Section 25, Tp. 1 N., R. 14 E., unsurveyed, and Sec. 30, T. 1 N., R. 15 E., in Crook National Forest Reserve.

ADJOINING CLAIMS.

- N Red Spring lode, Survey No. 2506, Miami Copper Co., owner,
- Climax lode, Survey No. 2538, Miami Copper Co., owner,
- Flat Top lode, Survey No. 2538, Miami Copper Co., owner,
- E Agent lode, Survey No. 2510, Miami Copper Co., owner,
- S Agent lode, Survey No. 2510, Miami Copper Co., owner,
- Red Rock lode, Survey No. 2507, Miami Copper Co., owner,
- Pinto lode, Survey No. 2379, Inspiration Mining Co., owner,
- W Pinto lode, Survey No. 2379, Inspiration Mining Co., owner,
- Hot Center lode, Survey No. 2538, Miami Copper Co., owner,

AREA.

	Acres	Acres	Acres
"Total area of the St. Johns Fraction lode claim			20.218

	Acres	Acres	Acres
Less area in conflict with the Red Spring lode claim, Survey No.2506		7.026	
Less area in conflict with the Flat Top lode claim, Survey No.2538		1.190	
Less area in conflict with the Climax lode claim, Survey No.2538		.207	
Less that portion of the area of the Pinto lode claim, Survey No.2379, which is not in conflict with the Red Rock lode claim, Survey No.2507, in conflict with this Survey			1.454
Less area in conflict with the Red Rock lode claim, Survey No.2507, exclusive of the common conflict with Agent lode, Sur. No. 2510.		5.642	
Area in conflict with the Agent lode claim, Survey No.2510	4.322		
Less			
Area of that portion of the conflict between the Red Spring lode claim, Survey No.2506 and the Agent lode claim, Survey No.2510, which is in conflict with the St. Johns Fraction lode claim		.003	
		-----	
Less area in conflict with the Agent lode claim, Survey No.2510		4.319	
		-----	
Total area in conflict to be excluded			12.838
			-----
Net area of the St. Johns Fraction lode claim			7.380
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IMPROVEMENTS.

I do hereby certify that the value of labor and improvements upon or for the benefit of this claim placed thereon by the claimants or their grantors, is not less than Five Hundred Dollars (\$500.00).

Note 1:-Shaft No.2 on the Agent lode, Survey No.2510 which bears from a point on line 4-1 of the Red Rock lode, Survey No.2507, 888.7 ft. from corner No.4, S. 12° 37' W., 227.0 ft., is a common improvement for the Red Rock, Agent, Red Spring, St. Johns Fraction, Climax, Flat Top, Clumsy John, Hot Center, Over Sight Fraction and St. Johns Nos. 1,2,3,4,5,6, lodes and an undivided 1/15th interest was reserved for the benefit of the St. Johns Fraction lode, this Survey. Since the Survey of the Agent lode, No.2510, when this designation as a common improvement was made, this shaft has been sunk to a depth of 625.0 ft. with a total amount of drifting and crosscutting aggregating more than 3200.0 ft., making this common improvement at this

time worth not less than \$52500.00, making an undivided 1/15th interest worth \$3500.00.

Note 2:- As has already been explained in a note in Survey No. 2510, the mineralization on this group consists of a blanket of country rock impregnated with copper ore (chalcocite). The top of this blanket was reached in the shaft designated as a common improvement at a depth of about 270.0 ft.. Below this point the shaft has always been in ore. The main work in the way of crosscutting, both north and south and east and west, has been done on the 470.0 ft. level, and crosscuts running in the directions to pass under the claims of Survey No. 2538 and this Survey are still in ore, with every probability that ore will continue indefinitely. These crosscuts are now within the lines of the St. Johns Fraction and Climax lodes.

A new shaft is also being sunk near corner No. 4 of the Red Spring lode. This shaft will be connected at depth with shaft No. 2 of Agent lode, but this, however, will not be considered in the line of a common improvement.

#### WORKINGS.

ST. JOHNS FRACTION LODE	Value
No. 1:-Discovery shaft 4 x 6 - 10 ft. bears from the E.E.C, N. 80° 05' W., 500.0 ft.	\$ 30.00
No. 2:-A 1/15th interested credited from shaft No. 2 of Agent lode <i>Sur. No. 2510,</i>	<u>3500.00</u>
Total value of improvements upon and for the benefit of St. Johns Fraction lode	\$3530.00

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#### Instrument.

This survey was made with a W. & L. E. Gurley Mountain Transit, fitted with a Burt solar, by which a true meridian was obtained, and checked on previously determined courses. Measurements were made with a 500 foot steel tape.

Dated

Globe, Arizona,

August 12, 1908.

*Howard T. Payne*  
\_\_\_\_\_  
U.S. Deputy Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Howard T. Wayne  
 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  
Miami Copper Co.  
 known as the St. Johns Fraction  
 and showing the respective capacities in which they acted.

Robert Goodwin, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

**I**, Robert Goodwin  
 and \_\_\_\_\_, do solemnly swear that **I** assisted  
Howard T. Wayne, United States Deputy Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Miami Copper Co.  
 known as the St. Johns Fraction  
 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

R. G. Goodwin, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 14

day of August, 1908

L. H. Brown  
 Notary Public  
 Gila County, Arizona

My commission expires  
 July 20<sup>th</sup> 1911-

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Howard T. Wayne, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for the Territory of Arizona, dated April 16 1908, 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 Miami Copper Co., known as the St. Johns Fraction, situate in Globe Mining District, Gila County, Arizona, in Section Approx. 25, Township No. 1 N., Range No. 14 E. (unsurveyed), and designated as Survey No. 1 N. 2539 15 E., 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 its 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.

*Howard T. Wayne*  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Howard T. Wayne  
U. S. Mineral Surveyor, before me L. H. Brown  
a Notary Public Gila County this 14<sup>th</sup>  
day of August, 1908

L. H. Brown  
Notary Public  
Gila County Arizona

*my commission expires July 30<sup>th</sup> 1911*



Affidavit of Five Hundred Dollars Improvements.

We, Patrick Rose and D. S. Tovey

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the St. Johns Fraction mining claim, situate in Globe Mining district, Gila County, Arizona Territory, for which Miami Copper Co.

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

Patrick Rose
D. S. Tovey

TERRITORY OF ARIZONA,
County of Gila ss:

Sworn to and subscribed before me, this 14th

day of August, 1908



L. H. Brown
Notary Public
Gila County Arizona

27669b1m2-07

My commission expires
July 20th 1911

AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the St. Johns Fraction Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Wilson J. Rollins citizen of the United States the undersigned, on the 19th day of April 1907.

The length of this claim is 1485.5 feet, and we claim 500 feet in an easterly direction and 985.5 feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the east to the west.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about six miles in a westerly direction from Globe, Arizona, and adjoins the Pinto, Climax, Red Spring, Agent, Hot Center, Flat Top and Red Rock claims.

The surface boundaries of the claim are marked upon the ground as follows; Beginning at a monument of stones at a point in a S.80°26'E. direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence N.18°11'E.300 feet to a monument of stones, being the north east corner of said claim; thence N.80°26'W. 1485.5 feet to a monument of stones, being at the north west corner of said claim; thence S.18°11'W. 300 feet to a monument of stones at the center of the West end of said claim; thence S.18°11'W. 300 feet to a monument of stones, being at the south west corner of said claim; thence S.80°26'E. 1485.5 feet to a monument of stones at the south east corner of said claim; thence N.18°11'E. 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the St. Johns Fraction Mining Claim, located by - - - on the 6 day of January 1906, and recorded in Book 10 of Records of Mines, at page 580, in the office of the County Recorder of the aforesaid County of Gila, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 19th day of April 1907.

Wilson J. Rollins  
By F.C. Alsdorf

Filed and recorded at the request of F. J. Elliott at 55 minutes past 3 o'clock P. M. on the 22nd day of April A.D. 1907.

E. T. Stewart County Recorder.  
By Belle Maldonado Deputy Recorder.

TERRITORY OF ARIZONA, }  
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of.....Amended Location Notice of  
"ST. JOHNS FRACTION" Mining Claim,  
*as the same appears of record in my office in Book*.....15, Records of Mines,  
at page.....44.....; 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.....15th.....day of  
April....., A. D. 190...8.

  
.....  
County Recorder, Gila County, A. T.

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

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

Phoenix, Arizona,

October 15, 1908.

I, U. S. Surveyor General for District of Arizona,  
do hereby certify that the foregoing transcript of the Field Notes, return and approval  
of the Survey of the mining claim of Miami Copper Co.

, known as the St. Johns Fraction  
, situate in Globe  
Mining District, Gila County,  
Arizona, in Section Approx. 25  
14 E. (unsurveyed) 30, Township No. 1 N.,  
Range No. 15 E., and designated as Survey

No. 2539, 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>or for</sup> said mining claim by claimant or its grantors, and  
that said improvements consist of 1 shaft, value \$30.00, and a 1/15 interest  
in shaft No. 2, Agent lode, Sur. No. 2510, value \$3500,  
total value, \$3530.

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.

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,

October 15, 1908

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 Miami Copper Co.

known as the

St. Johns Fraction

situate in Globe mining district,

Gila County, Arizona,  
Approx. 25 1 N., 14 E., (unsurveyed)  
in Section 30, Township No. 1 N., Range No. 15 E.

designated as Survey No. 2539

executed by Howard T. Wayne, U. S. Deputy Mineral

Surveyor, June 12 - 13, 1908, under my instructions dated

April 16, 1908, have been critically examined and the necessary cor-

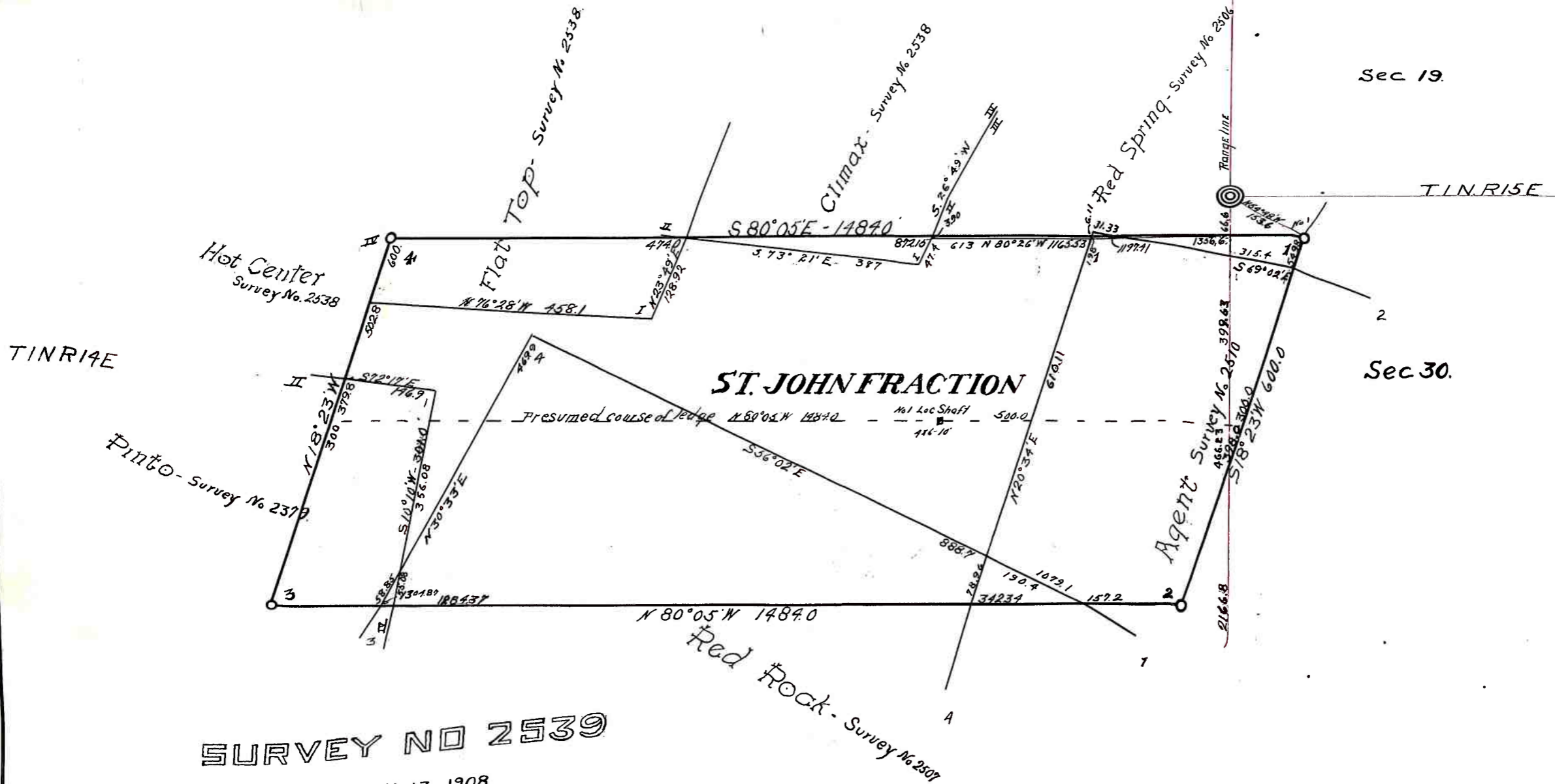
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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.



**SURVEY NO 2539**

JUNE - 11 - 13 1908.

Scale 1" = 200'

Surveyed by

*Howard T. Hayme*

DEPUTY U.S. MINERAL SURVEYOR.