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Revised Lib. 10/04.

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(4-683.)

Mineral Survey No. 1840

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

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas Bienes

KNOWN AS THE

Triangular Fraction

Greenlee - Gold Mountain Mining District,

Graham County, Arizona

Section 9, Township 45, Range 29E

Surveyed under instructions dated July 15, 1903

by H. M. Whitaker

U. S. Deputy Mineral Surveyor.

Claim located amended July 8<sup>th</sup>, 1903

Survey commenced July 23, 1903

Survey completed July 23, 1903

o 6-100

Claimants add.

L Kearney atty

Clifton, A. T.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, A. S. Dunn and \_\_\_\_\_,

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 Thomas Beanes

known as the Triangular Tracton  
situate in Greene Gold Mountain mining district  
Graham County, Arizona  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

A. S. Dunn, Chairman.  
\_\_\_\_\_, Chairman.

Subscribed and sworn to by the above-named persons before me this 19<sup>th</sup> day of July, 1902

*My commission expires Jan. 1st 1904*  
Samuel Cobb  
Notary Public

I, A. S. Dunn, do solemnly swear that I will well and truly perform the duties of axman, 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 Thomas Beanes

known as the Triangular Tracton  
more fully described in the preceding affidavit.

A. S. Dunn, Axman.

Subscribed and sworn to by the said A. S. Dunn  
before me this 19<sup>th</sup> day of July, 1902

*My commission expires Jan. 1st 1904*  
Samuel Cobb  
Notary Public

I, \_\_\_\_\_, 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 \_\_\_\_\_

known as the \_\_\_\_\_  
more fully described in the preceding affidavit.  
\_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_

Survey No 1840 Triangular Fraction Lode.

Beginning at Cor No 1

A pine post 5 ft. long 6 ins. square, set 18 ins in ground surrounded by Mound of Stones, scribed 1-1840, Whence U. S. L. M. No 3 bears  $N 42^{\circ} 03' W$  540.1 FT.

A cross (X) and B.R. 1-1840 chiselled on a porphyry stone showing  $3 \times 3.5 \times 4$  ft above ground bears  $S 87^{\circ} 51' E$  12.60 FT.

Hence  $S 20^{\circ} 20' W$

Var  $12^{\circ} 30' E$

73.25

N. E. End Center of location

146.50

To Cor No 2

A pine post 4 ft. long 6 ins. square, set 18 ins in ground surrounded by Mound of stones scribed 2-1840 Whence

A cross (X) and B.R. 2-1840 chiselled on a porphyry stone showing  $2 \times 3 \times 4$  ft. above ground bears  $N 35^{\circ} 13' E$  22.70 FT.

Cor No 7-1792 A Ratten Lode bears  $N 55^{\circ} 58' W$  31.68 FT.

Hence  $S 71^{\circ} 03' W$

Var  $12^{\circ} 30' E$

58.77

Enter reel line 7-8 Ratten Lode Survey 1792 A at  $S 18^{\circ} 53' W$  15.66 FT from Cor No 7 and at  $S 18^{\circ} 53' W$  143.57 FT from Cor No 2 of same Lode Survey No 1792 A.

244.20

To Cor No 3

A pine post 5 ft long 4 ins. square set 12 ins in ground on bed rock, surrounded by Mound of stones scribed 3-1840 Whence

A cross and B.R 3-1840  
chiselled on a 1x2 face on  
porphyry bed rock bears  
N 44° 59' E 29.20 FT.

Thence N 20° 20' E  
Var 12° 30' E

73.25 S.W End Center of location  
146.50 To Cor No 4

Identical with Cor No 6-1792A  
Rattler Lode.

A 4x6<sup>in</sup> post in place  
unmounded by mound of  
stones, scribed 4-1840 whence  
A cross (X) and B.R. chiselled on  
a porphyry stone showing  
5x6x7 ft above ground, bears  
N 6° 11' W 27.80 FT.

Cor No 7-1792A Rattler Lode  
bears S 69° 28' E 158.85 FT.

Thence N 71° 03' E  
Var 12° 49' E

157.45 Cor 5-1229 Chase Creek No 2 Lode  
Cor 3-1792A Chase Creek No 3 Lode  
200.71 Cor 2-1792A Spartan Lode  
244.20 To Cor No 1

The place of beginning.

Area.

Total Area Triangular Fraction  
Lode 0.636 Acres.

Area  
In conflict with Rattler  
Lode Survey No 1792A 0.296 Acres

Area  
In conflict with Spartan Lode  
Survey No 1792A. 0.107 Acres.

Total Area Triangular Fraction  
Lode 0.636

Less area in conflict with  
Rattler Lode from 1792A 0.296  
Spartan " " " 1792A 0.107  
Net Area Triangular Fraction Lode = 0.233 Acres

## Location.

This claim is situated in the Greenlee Gold Mountain Mining District, Graham County Arizona, and is adjacent to the town of Metcalf, Arizona, upon unsurveyed lands.

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:

The Discovery cut

An open cut and tunnel

The mouth of the open cut bears from Cor No 4 S  $83^{\circ} 46' E$  25.50 FT  
5 FT wide 10 FT face running N  $70^{\circ} 44' E$  18 FT. Thence N  $70^{\circ} 44' E$  49 FT to breast of 8 x 10 Tunnel.

Value \$670.00

An incline shaft, beginning at breast of above tunnel thence N  $72^{\circ} 33' E$  26 FT, angle of inclination to surface  $50^{\circ} 00'$ .

Value \$260.00

Other Improvements.

A frame building, the N.W. cor of which <sup>bears</sup> from a point on line 1-4, 179 ft from Cor 1, N  $87^{\circ} 36' E$  20.70, 24 x 30 ft.

Course of long side N 71° 03' E.

A frame building the N.W. cor  
of which bears from same point  
as above S 60° 22' E 39 FT. 25 ft square

Course of side N 71° 03' E.

### Instrument

This Survey was made  
with a Gurley Light Mountain  
Transit. The courses were  
deflected from the true  
Meridian as determined by  
Solar observations with  
a Burt Solar attachment

The distances were measured  
with 50 and 500 ft steel tapes.

Note: The disagreement between these  
field notes and the location  
certificate in regard to the position of  
the discovery point, is due to error  
in the latter.

The presumed position of ledge  
upon which this claim is located  
coincides with the center line  
of the claim as surveyed and equals  
it in length.

The disagreement between these field notes  
and those of adjoining surveyed claims, are  
due to errors in the latter. See letter from  
deputy dated Feb. 6, 1904.

### Adjoining Claims

- On the North, Chase Creek No 2 Sur 1729
- Chase Creek No 3 Sur No 1792 a
- On the East Spartan Sur No 1792 a
- On the South Rattler Sur. No 1792 a

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by N. M. Whitaker  
 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 Thomas Bianco  
 known as the Triangular Procton  
 and showing the respective capacities in which they acted.

N. S. Dunn, Chairman.  
 \_\_\_\_\_, Chairman.  
N. S. Dunn, Assman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I. N. S. Dunn  
 and \_\_\_\_\_, do solemnly swear that ~~we~~ <sup>I</sup> assisted N. M. Whitaker  
 \_\_\_\_\_, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Thomas Bianco

\_\_\_\_\_, known as the Triangular Procton, 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~~ <sup>my</sup> 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

N. S. Dunn, Chairman.  
 \_\_\_\_\_, Chairman.  
 \_\_\_\_\_, Assman  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 27<sup>th</sup> day of July, 1902

Samuel Cobb  
 Notary Public  
 My commission expires Jan. 6/04  
 6-187



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, N. M. Whitaker, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 15/03, 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 Thomas Bianes, known as the Triangular Fraction, situate in Greenlee Good Mountain Mining District, Graham County, Arizona, in Section       , Township No.       , Range No.       , and designated as Survey No. 1840, 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.

N. M. Whitaker  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said N. M. Whitaker  
U. S. Deputy Mineral Surveyor, before me Samuel Cobb Jr  
Notary Public this 27<sup>th</sup>  
day of July

Samuel Cobb Jr  
Notary Public

my commission expires Jan. 5/04

Affidavit of Five Hundred Dollars Improvements:

We, A. S. Townsend, and L. C. Morrow

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Triangular Fraction mining claim, situate in Greenlee Gold Mountain Mining district, Graham County, Arizona Territory, for which Thomas Bianca, by S. Kearney his attorney

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.

A. S. Townsend

L. C. Morrow

TERRITORY OF ARIZONA, }  
County of Graham } ss:

Sworn to and subscribed before me, this 27<sup>th</sup>



day of July, 1903

Samuel Cobb  
Notary Public

My commission Expires Jan 1st 07

# Amended Notice of Mining Location.--Lo<sup>10</sup> Claim.

## To All Whom it May Concern:

This mining claim, the name of which is the Triangular 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 purpose of exploration and purchase by

Thomas Bienes,

the undersigned, on the 8th day of July, 1903,

The length of this claim is two-hundred-fifty-two  $94/100$  feet, and I claim thirty-one feet, in a southwesterly direction, and two-hundred-twenty-one  $94/100$  feet in a northeasterly, direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with fifty-seven 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 northeast to the southwest

The claim is situated and located in the Greenlee Gold Mountain Mining District, in Graham County, in the Territory of Arizona, about three-fourths of a mile in a southeast direction from Metcalf store on east bank of Chase Creek near Peach Orchard, and adjoins the Chase Creek Mining Claim No. 2---- 1229 on the north; also Chase Creek Mining Claim No. 3--- 1792 A.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones,

at a point in a southwesterly direction thirty-one feet from the discovery shaft (at which this notice is posted), being in the center of the southwest end line of said claim: thence N.  $20^{\circ} 20'$  E. 73.25 feet to a post, being the northwest corner of said claim: thence N.  $71^{\circ} 03'$  E. 252.94 feet to a monument of stones, being at the northeast corner of said claim: thence S.  $20^{\circ} 20'$  W. 73.25 feet to a monument of stones being the center of the northeast end of said claim: thence S.  $20^{\circ} 20'$  W. 73.25 feet to a monument of stones being at the southeast corner of said claim: thence S.  $71^{\circ} 03'$  W. 252.94 feet to a monument of stones at the southwest corner of said claim; thence N.  $20^{\circ} 20'$  E. 73.25 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 Codify and Revise the Laws of the Territory of Arizona," approved March 16th, 1901.

This is an Amended Location Notice of the Triangular Fraction Mining Claim, located by Isaac N. Stevens, on the 26th day of July, 1899, ~~XXX~~, and recorded in book 11 of Records of Mines, at page 492-3, in the office of the County Recorder of the aforesaid County of

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 11th day of July, 1903,

Thomas Bienes  
Locator

TERRITORY OF ARIZONA,

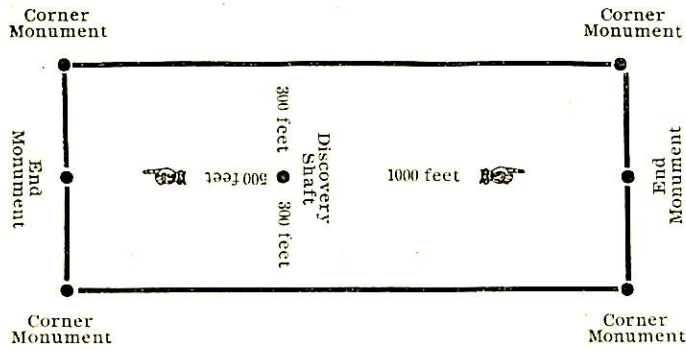
County of Graham.

ss.

*J. Mit Simmas*, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9 o'clock a. M., on this ~~XXXXX~~ 13<sup>th</sup> day of July, 1903, and duly recorded in Book No 17 of Mining Records of Graham County, Arizona, at pages 9

Witness my hand and seal the day and year first above written

*Mit Simmas*  
County Recorder



The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim, or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the

*No. 2*

AMENDED

Office of Location

LODE CLAIM

*Wagon Creek  
Location*

dated July 8, 1903

Filed and recorded at request of

*L. McNamey*

A. D. 190

M.

ok  
ges

County Recorder.

Deputy Recorder.

ERA PRINT, CLIFTON

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,*

.....Phoenix, Arizona.....

*March 12* " , 190~~4~~

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 .....Thomas Bianes.....

....., known as the

.....Triangular Fraction.....

situate in .....Greenlee Green Mountain..... mining district,

.....Graham..... County, .....Arizona.....

in Section ....., Township No. ...., Range No. ....

....., designated as Survey No. ....1840.....

executed by .....H. M. Whitaker....., U. S. Deputy Mineral

Surveyor, .....July 23....., 190~~3~~, under my instructions dated

.....July 15 th....., 190~~3~~, have been critically examined and the necessary cor-

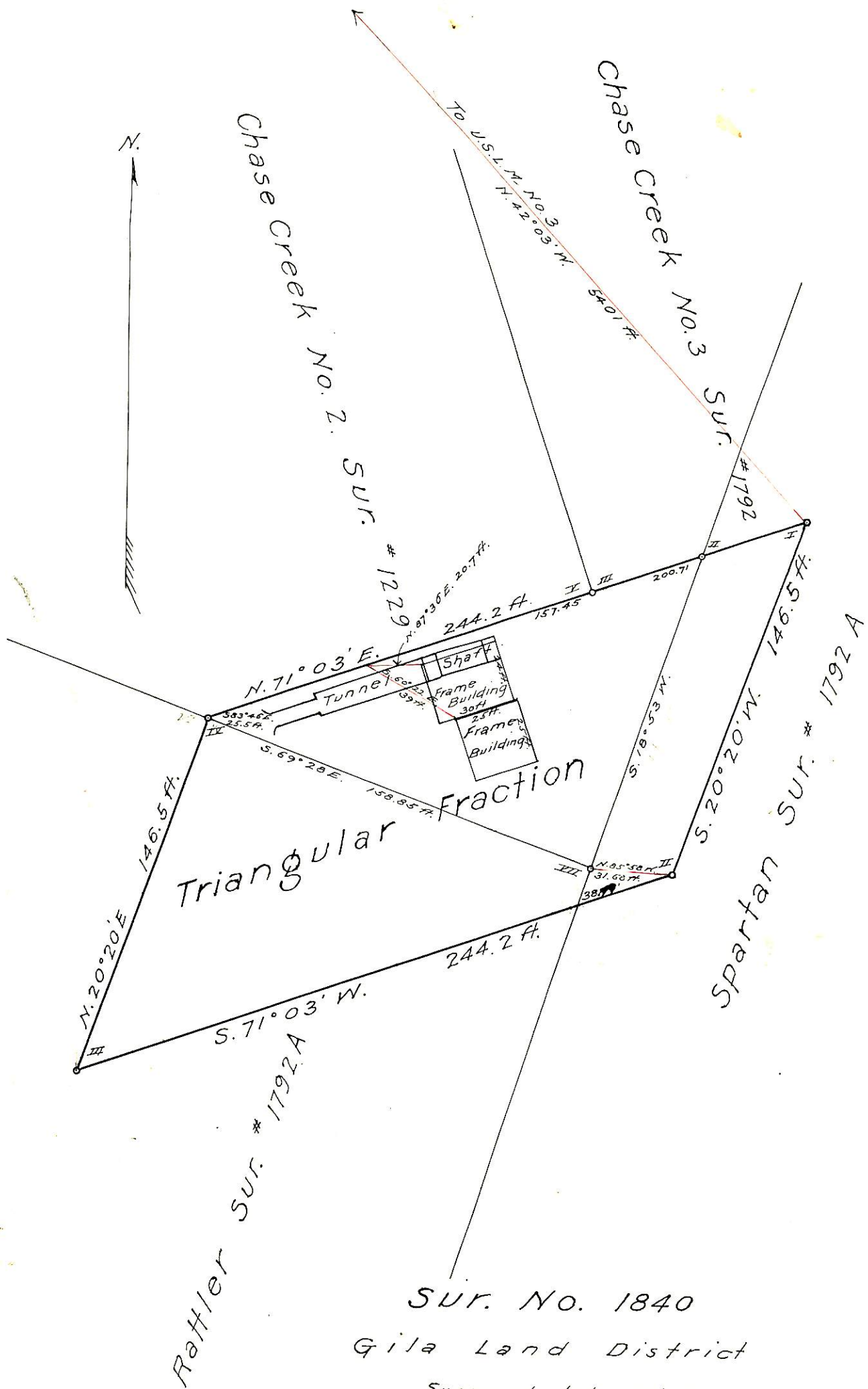
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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 E. Ingalls*

U. S. Surveyor-General for .....Arizona.....



SUR. NO. 1840

Gila Land District

Surveyed July 23rd 1903

by *H.M. Whitaker*

U.S. Dep. Min. Surveyor

Scale 50 ft = 1 in.