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Mineral Survey No. 1711

Lot No. _____

Puerson Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

the Mexican Arizona Copper Co.
A. A. Deekham, Trustee

KNOWN AS THE

Indiana
Grosser Gold Mountain & Copper Mountain Mining District,^s
Graham County, Arizona

Section 9-10-10-10 Township _____, Range _____

Surveyed under instructions dated Sept. 15, 1902
by Samuel Cobb
U. S. Deputy Mineral Surveyor

Claim located Antended Aug, 1902
Survey commenced Oct. 4th 1902
Survey completed Oct. 25th 1902

6-163

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, L. C. Morrow and _____,
 WE, _____ 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 The Mexican Oregonian Copper Co.
S. A. Deubham, Trustee, known as the
Indiana
 situate in Graham Gold Mountains of Copper Mountain mining district,
Graham County, Arizona,
 in Section _____, Township No. _____, Range No. _____.

L. C. Morrow, Chainman.
 _____, Chainman.

Subscribed and sworn to by the above-named persons before
 me this 1st day of Oct., 1907

Frank B. Loring
 Notary Public

I, L. C. Morrow, 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 The Mexican Oregonian Copper
Co. S. A. Deubham, Trustee
 known as the Indiana,
 more fully described in the preceding affidavit.

L. C. Morrow, Axeman.

Subscribed and sworn to by the said L. C.
Morrow before me this first day of
Oct., 181907

Frank B. Loring
 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
 _____, 18 _____

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

Survey No. 1711

Indian? Lode

Beginning at Cor. No. 4

A fine rock, 4 ft. long, 4 ins. square, set on bed rock, surrounded by mound of stone, scribed 1-1711, where

A corner of said R.R. 1-1711 circled granite pillar 30 ft. high on N.E. corner, bears $N. 16^{\circ} 53' W. 18.75$ ft.
 U.S.M.S. No. 4 bears $S. 15^{\circ} 45' W. 556.5$ ft.
 U.S.M.S. No. 3, bears $N. 27^{\circ} 30' W. 9377$ ft.

Cor. No. 3 Chambone lode, survey No. 1072, bears $S. 11^{\circ} 30' W. 716.63$ ft.

Cor. No. 3 Printer lode, survey No. 1072, bears $S. 28^{\circ} 18' E. 168$ ft.

Cor. No. 4 Great Northern lode, unsurveyed, bears $N. 59^{\circ} 33' E. 662.07$ ft.

A corner of the location bears $S. 74^{\circ} 37' W. 167.12$ ft.

Thence $N. 64^{\circ} 12' E.$

$N. 12^{\circ} 30' E.$

120.39 Intersect line 3-4 Great Northern lode, unsurveyed, at $S. 50^{\circ} W. 603.59$ ft. from Cor. No. 4.

186.61 ft. Intersect line 2-3 Printer lode, survey No. 1072, at $N. 52^{\circ} 26' E. 110.64$ ft. from Cor. No. 3.

192.27 Intersect line 3-4 Chambone lode, survey No. 1072, at $N. 27^{\circ} 03' E. 677.54$ ft. from Cor. No. 3.

389.08 First encounter of the location, bears $S. 74^{\circ} 37' W. 167.12$ ft.

778.17 To Cor. No. 2

At intersection with line 1-2 Great Northern lode, unsurveyed, at $S. 50^{\circ} W. 321.33$ ft. from Cor. No. 4

A fine rock, 4 ft. long, 4 ins. square, set on bed rock, surrounded by

Mound of stone, scribed 2-1711,
whence

A cross (x) and B.P. 2-1711 chiseled
on quartzite bed rock, on top of
mountain, at base 416 ft. bears
N. 60° 06' W. 171.3 ft.

A corner of the location bears N. 74° 37' W.
167.12 ft.

Hence N. 74° 37' E.
T 12° 35' E.

1283
1316.08

Chase Creek
90 Cor. No. 3

Identical with a corner of the location.
A Dingy post, 4 ft. long, 4 ins. square,
set on bed rock, surrounded by
mound of stone, scribed 3-1711,
whence,

A cross (x) and B.P. 3-1711
chiseled on quartzite bluff 2 ft.
above ground, bears N. 55° 30' E. 6.2 ft.
Cor. No. 4. Precipitous slope, survey No. 1710,
bears N. 64° 19' E. 299.47 ft.

Hence N. 64° 12' W.
T 12° 32' E.

140.0
382.0
389.08
650.0

Chase Creek

Chase Creek

East end center of the location

Chase Creek, course up stream
North west

778.17

90 Cor. No. 4

Identical with a cor. of the location.
A Dingy post, 4 ft. long, 4 ins. square,
set on bed rock, surrounded by
mound of stone, scribed 4-1711,
whence

A cross (x) and B.P. 4-1711 chiseled
on porphyry bluff, bears N. 67° 39' W.

13.7 ft.
 Cor. No. 1 Great Northern Lode,
 unsurveyed, bears N. 33° 48' W.
 579.11 ft.

Thence S. 74° 37' W.
 N. 12° 32' E.

607.21 Intersect line 4-1 Great Northern Lode,
 unsurveyed, at N. 38° 48' W. 412.0 ft.
 from Cor. No. 1

866.59 Intersect line 2-3 Trinitex Lode,
 survey No. 1512, at N. 52° 56' E.
 443.22 ft. from Cor. No. 3

1057.47 Intersect line 3-4 Great Northern
 Lode, unsurveyed, at S. 50° W 413.29 ft.
 from Cor. No. 4

1055.64 Intersect line 3-4 Chambone Lode,
 survey No. 1512, at N. 27° 03' E. 866.07 ft.
 from Cor. No. 3

1316.08 To Cor. No. 1 the place of beginning
 — Area —

Total area Indiana Lode	15.4814
Area in conflict with Great Northern Lode, unsurveyed	5.480 "
Sur. No. 1512 Trinitex Lode	0.634 "
Sur. No. 1512 Chambone Lode	0.378 "
Sur. No. 1512, Trinitex Lode (including D) in conflict with the Great Northern Lode unsurveyed	0.240 "
Survey No. 1512 Chambone Lode, but claim of its conflict with Sur. No. 1512 Trinitex Lode, and the Great Northern Lode, unsurveyed	0.000 "

Total area Indiana Lode	15.4814
Same area in conflict with Great Northern Lode, unsurveyed	5.480 A.
Sur. No. 1512 Trinitex Lode in claim of its conflict with the Great Northern Lode, unsurveyed	0.240 "

Sur. No. 1512, Chambour Lode,
 (exclusive of its caught with
 Sur. No. 1512 Printer Lode, and
 the Great Northern Lode, unassayed, 0.000015.720
 The area Lode claim, 9.7618.

Location

This claim is located on unassayed
 land, approximately, in the NW 1/4
 Sec. 10 and the NE 1/4 Sec. 16, T. 4 S., R. 29 E.
 of the G and S. R. T. M.

It is bounded on the North
 by the Chambour and Printer Lodes,
 of Sur. No. 1512, alias Sessagnoty, owner;
 the Great Northern Lode, unassayed, Detroit
 Copper Co. Claimant; and the White
 Glance, unassayed, Arizona Copper
 Co. Claimant. On the East by
 the White Glance Lode, unassayed,
 Arizona Copper Co. Claimant, the
 Kentucky and Copper Hill Lodes,
 unassayed, Claimants unknown,
 on the South by the Wedge Lode,
 unassayed, Claimant unknown;
 the Lode, Lode, unassayed, Arizona
 Copper Co. Claimant, and the Great
 Northern Lode, unassayed, Detroit Copper
 Co. Claimant. On the West by the
 Great Northern Lode, unassayed, and
 the Chambour Lode, Sur. No. 1512, Claimants
 as before stated.

Expenditure

of five hundred dollars.

certify that the value of the labor
 and improvements upon this claim,
 should thereon be the claimants and
 their grantors, is not less than
 five hundred dollars, and said

No. 1

improvements caused of
 4 x 7 ft. shaft, 89 ft. deep, the
 collar of which bears from Cor. No. 3
 $N. 89^{\circ} 05' W. 123.5$ ft. The first 10 ft.
 of this shaft is the discovery

Value \$1335.00

No. 2.

A 4 x 6 ft. tunnel, the face of which
 bears from Cor. No. 3 $N. 80^{\circ} 20' W. 436.7$
 ft. running $S. 22^{\circ} 19' W. 101$ ft. thence
 $N. 67^{\circ} 41' W. 50$ ft. to bottom of shaft.

Value \$1,510.00

INSTRUMENT

This survey was made with a
 Gurley Sixt Mountain Transit,
 Jolly Hill Barbs' Solar altoid mark.

The courses were deflected from
 the true meridian as determined by
 solar observations. The distances
 were measured with 100 ft. and 500 ft.
 steel tapes.

Note,

The presumed location of the ledge
 upon which this claim is located
 coincides with the center line of the claim
 and is surveyed and equal in length;
 and is $N. 74^{\circ} 37' E. 1316.08$ ft. from N. E. C.

Note

The disagreements between these
 field notes and the plat are corrected.
 with respect to the location of the
 discovery point, and the cause of
 the boundary lines are due to errors
 in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Saunders Cobb
 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 Mexican Arizona Copper Co, S. A. Dunham, Trustee
 known as the Indiana
 and showing the respective capacities in which they acted.

L. C. Morrow, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, L. C. Morrow
 and _____, do solemnly swear that we assisted Saunders Cobb
 _____, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of the Mexican Arizona
Copper Co, S. A. Dunham, Trustee
 _____, known as the Indiana
 _____, 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~~ ^{my} 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

L. C. Morrow, Chairman.
 _____, Chairman.
 _____, Axman .
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 5th day of November, 1902

Frank B. Rainey
Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Ramar Cobb Jr, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept 15th 1902, 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 the Mexican Arizona Copper Co., S. A. Deudeman Trustee, known as the Indiana, situate in Graham Gold Mountain of Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1711, 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 claimants or their 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.

Ramar Cobb Jr
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Ramar Cobb Jr
U. S. Deputy Mineral Surveyor, before me a Notary Public in and for
Graham County Arizona, this 5th
day of November 1902.

Francis B. Lewis
Notary Public

NOTARY PUBLIC
EXPIRES 14. 20. 1903

Affidavit of Five Hundred Dollars Improvements.

We, L. C. Morrow, and, J. L. A. A. A. A.

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the Indiana mining claim,

situate in Graham Mining district, Graham County,

Arizona Territory, for which S. A. Deukam, Trustee

for the Mexican Arizona 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 their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

L. C. Morrow

J. L. A. A. A.

TERRITORY OF ARIZONA, }
County of Graham } ss:

Sworn to and subscribed before me, this 5th

day of November, 1902



Frank B. Lane
Notary Public

NOTARY PUBLIC

AMENDED

Notice of Mining Location.

11

LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the INDIANA 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 L.A. Dunham, Trustee for the Mexican Arizona Copper Company, said L.A. Dunham being a native-born citizen of the United States, (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the FIRST day of AUGUST 1901.

The length of this claim is FIFTEEN HUNDRED feet, and 1 claim ONE HUNDRED AND EIGHTY feet in a NORTHEASTERLY direction, and 1320 feet in a SOUTHWESTERLY 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 NORTHEAST to the SOUTHWEST AND COPPER MOUNTAIN

The claim is situated and located in the GREENLEAF GOLD MOUNTAIN Mining District, in GRAHAM County, in the Territory of Arizona, about ONE AND ONE FOURTH MILES in a SOUTHEASTERLY direction from METCALF AND IS BOUNDED ON THE NORTH BY THE CHALBON, TRINKET, WHITE GLANCE NOS. ONE AND TWO; ON THE EAST BY THE WHITE GLANCE NO. ONE AND THE KENTUCKY; ON THE SOUTH BY THE WEDGE AND IONE; AND ON THE WEST BY THE CHALBON AND WHITE GLANCE. IT CONFLICTS WITH THE CHALBON, TRINKET AND WHITE GLANCE NOS. ONE AND TWO.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at BOUND OF STONE

at a point in a NORTHEASTERLY direction ONE HUNDRED & TWENTY feet from the discovery shaft (at which this notice is posted), being in the center of the NORTHEAST end line of said claim; thence NORTH 64° 08' W. 389 feet to a 4" x 4" PINE POST, being the NORTHEAST corner of said claim; thence S. 74° 45' W. 1500 feet to a 4" x 4" PINE POST being at the NORTHWEST corner of said claim; thence 64° 08' EAST 389.1 feet to a Mound of Stone being the center of the SOUTHWEST end of said claim; thence S. 64° 08' EAST 389.1 feet to a 4" x 4" PINE POST being at the SOUTHWEST corner of said claim; thence N. 74° 5' EAST FIFTEEN HUNDRED feet to a 4" x 4" PINE POST at the SOUTHEAST corner of said claim; thence N. 64° 08' WEST 389.1 feet to the place of beginning.

This is an Amended location notice of the Indiana Mining claim, located by Geo. W. Gilliard on the 5th January 1899, and recorded March 16th, 1899 at 11 o'clock A.M. in Book 10 Record of Mines, page 466. in the office of the County Recorder of Graham County

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.

Dated and posted on the ground this 1st day of AUGUST 1902.
L. A. Dunham
Trustee for the Mexican Arizona
Copper Company.

TERRITORY OF ARIZONA,

County of } ss.

..... County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock M., on this day of 190....., and duly recorded in Book No of Records of County, Arizona, at pages

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

..... County Recorder.

3606

AMENDED
Notice of Location.
LODE CLAIM.

Indiana
Greenlee Gold
Mexican Arizona Lode
L.A. Deaneham, Trustee

Dated *August 1st* 1903

Filed and recorded at request of

L.A. Deaneham

August 1st A. D. 1903
at *Yachack P.* M.

Book *Record of Mines*
Pages *149*

Thomas Smith
County Recorder.

By *L. Sterner*
Deputy 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,

Phoenix, Arizona.....

Aug. 11", 190*2*

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 The Mexican Arizona Copper Co., L.A. Dunham, Trustee.

....., known as the

INDIANA

situate in Greenlee Gold Mountain and Copper Mountain Mining District, S,

Graham County, Arizona

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

....., designated as Survey No. 1711

executed by Lamar Cobb, Jr., U. S. Deputy Mineral

Surveyor, Oct. 4th - Oct. 5th., 1902, under my instructions dated

Sept. 15th., 1902, have been critically examined and the necessary cor-

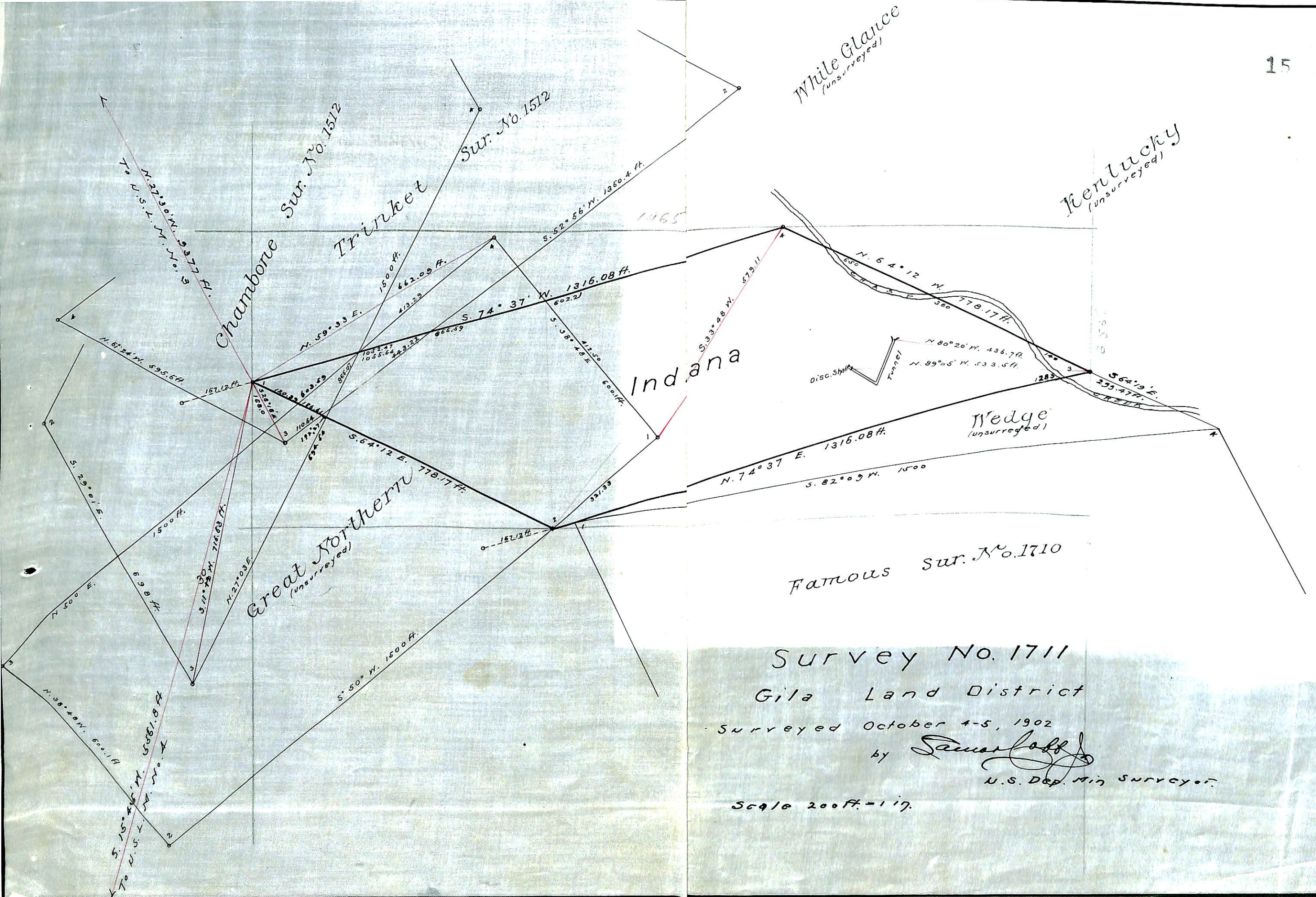
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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 A. Ingalls

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



Famous Sur. No. 1710

Survey No. 1711

Gila Land District

Surveyed October 4-5, 1902

by *Samuel Cobb*

U.S. Dep. Min. Surveyor

Scale 200 ft. = 1 in.