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(4-683.)

Mineral Survey No. 21

Lot No.

Citrus Ariz.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM

The Shannon Copper

Claim Ariz.

KNOWN TO THE

Key Nos. 7 & 8

Greenlee Gold & Copper

Graham Ariz.

33
4 Township

Section
Surveyed under dated *Sept. 6th*

Claim located *Nov.*

Survey commenced *Sept.*

Survey completed *Sept 9th*

6-160

address:
Shannon Copper Co
by J. W. Bennett, Aug
Citrus, Ariz.

*Copied by
Nov 28-1905*

SEP 13 1905
OCT 13 1905

(4-683.)

Mineral Survey No. 2160

Lot No. _____

~~Clifton~~ Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Shannon Copper Co. J. W. Bennie
Manager, Clifton Arizona

KNOWN AS THE

Keystone Nos. 7 & 8
Greenlee Gold Mountain Mining District,

Graham County, Arizona

Section 33, Township 35., Range 29 E. (unsurveyed)
4, Township 4 S., Range 29 E.

Surveyed under instructions dated Sept. 6th, 1905

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

Claim located Nov. 15th, 1897.

Survey commenced Sept. 8th, 1905.

Survey completed Sept 9th, 1905

⁶⁻¹⁶⁰
Claimants address:
The Shannon Copper Co.
by J. W. Bennie, Sup.
Clifton, Ariz.



— Survey No. 2160 —

Keystone No. 8 Lode

Beginning at Cor No. 1

Identical with Cor No. 1 along
Keystone Lode, Survey No. 1486, cor. 1
No. 1 1st 1st 1st.

A fine post, 4 1/2 ft. long, 2 x 6
ins. set on bed rock, surrounded by
a mound of stone, marked 1260
Cor No. 1.

U.S.M. No. 7 21° 20' E. 5102 ft.

A cross road B.F. 1-2400, checked,
forming above ground surface on
Keystone Lode, 10 ft. high, bears
21° 20' E. 5102 ft.

To Cor. No. 2

Cor. No. 1

Keystone No. 7

Identical with Cor. No. 1
Keystone Lode, of this survey.

A fine post, 4 ft. long, 2 x 6
ins. set on bed rock, surrounded
by mound of stone, marked 2260
Cor. No. 1.

A cross road B.F. 2-1100
forming above ground surface
2 ft. high, bears 21° 20' E. 5102 ft.

To Cor. No. 3

2160

Cor. No. 1

1486

Keystone Lode, West of
Keystone No. 8 Lode.

1229

To Cor. No. 2

Identical with Cor. No. 1
Keystone No. 7 Lode, of this survey.

On line 2-3 Chihuahua Lode,
survey No. 1229

A fine post 5 ft. long, 2 x 6 ins.,
set on bed rock, surrounded by

101.0
 Mound of stone, described 3-2-20,
 101.0
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

103.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

104.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

105.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

106.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

107.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

108.0
 Mound of stone, described 3-2-20,
 at cross and B.R. 3-2-20
 west of the quartz body & the stone
 mound, where 3-2-20 is 8.6 ft

109.0
 Cross double track Incline for main
 at N. 86° 00' W. 26.1 ft. from upper
 terminal.

101.0
 Cross 20 in. gauge mine railroad.

Mound of stone, series 22160,
 top of ...
 It crosses ... (S.K. 32160
 ... 10° 03' N 50.2 ft.

It lies on ... 70° 22' E.

115. ...
 116. ...

Identical with ...
 ... No. 8 ... of this survey.

It lies ... 10° 20' E.

117.9 Cross double track Inevitably ...

118.3 ...
 119.1 ... the place of beginning.

... at all ... 13° 15' E.

-- Area --

Total area ...	20,500
... constant with	
... 0.055	
... 20,511	
... 4,130	
... 24,641	

The survey of the ...
 ...
 The ... and ...
 ... of the ... could
 not be found.

The center of the ledge of the ...
 ... coincides with the center of the
 claim as surveyed, beginning at ...

point on line 4, 300 ft. from the 2.
... distance 2.1120 ft. 14981 ft. to a point
on line 2, 300 ft. from No. 2.

The center is 4 ft. from the line
... distance 2.1120 ft. 13931 ft. to
... distance 2.1120 ft. 100 ft.

Location

The station is located in the
... of Co. 4, 7 ft. 24 ft. of the
... measured.

Expenditure of five hundred dollars
... of the value of the labor
... by the claimant
... not less than
... hundred dollars, and that said
... consist of;

No. 1 The location, tunnel of the Kingston
... of which bears
... 5.65° E. 45 ft., 6 ft.
... in tunnel
Value \$450.00

No. 2 ... the center of which bears
... height 35 ft.
... E. 10 paces
...
Value \$1000.00

No. 3 Mine railroad, running from point
... 1012 ft.

The surface was crossed by this claim, since from base 1000, about 300 ft. west of the west side line of base line (of beds) at an angle of about 20° to the level of upper terminal of Indian transway.

This transway has a most efficient and economical means for the transportation of mining implements and supplies to the mines and for the transportation of ore to the reduction works. Much is indebted to the proper and economical development of the transway, which is considered the best and most economical way of transportation to the base of the Indian transway.

The transway is a most efficient and economical way of transportation to the base of the Indian transway.

The transway is a most efficient and economical way of transportation to the base of the Indian transway.

The survey was made with a Berger light mountain transit.

The transway is a most efficient and economical way of transportation to the base of the Indian transway.

The transway is a most efficient and economical way of transportation to the base of the Indian transway.

The survey was made with a Berger light mountain transit.

The discrepancies between these
 surveys with regard to the length
 of line, course and length, of side
 and end lines of the San Antonio lode,
 Survey No. 148; the course and length
 of line 2 of San Candelaria lode, Survey
 No. 1720; and the course and length of
 line 2 of Chihuahua lode, Survey No.
 1729, are due to errors in the
 computations of the claims enumerated.

Adjoining Claims

This claim is bounded on the north
 by the San Candelaria, ^{North} Extension lode surveyed
 Shannon Copper Co. claimant; on the East
 by the Long Tom lode, Survey No. 1486,
 Shannon Copper Co. claimant; on the South
 by the Chihuahua lode, Survey No. 1729 and the
C.L. lode, Survey No. 566, Arizona Copper Co.
 claimant; and on the West by the San Candelaria
 lode Survey No. 1729, Shannon Copper Co. claimant.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Samar Cobb Jr

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

The Shannon Copper Co.
known as the Keystone Nos. 7 & 8

and showing the respective capacities in which they acted.

Mercildo Weeks, Chainman. & Axman
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

I, Mercildo Weeks

and _____, do solemnly swear that we assisted Samar

Cobb, Jr, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of The Shannon Copper Co.

known as the Keystone Nos. 7 & 8

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 ^{my} 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

Mercildo Weeks, Chainman. & Axman
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 9th

day of September, 1906

Samar Cobb Jr
 Notary Public
 My commission expires Jan 1st 1907

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Samar Cobb, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept 6th 1905, 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 Shannon Copper Co. J. W. Bennie, Manager Clifton Arizona, known as the Keystone Nos 7 & 8, situate in Graham Mining District, Graham County, Arizona, in Section 33, Township No. 4 S., Range No. 29 E (unsurveyed), and designated as Survey No. 2160, 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 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.

Samar Cobb
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Samar Cobb
U. S. Deputy Mineral Surveyor, before me
J. R. Hampton this 11th
day of Sept. 1905

John R Hampton
Notary Public
My commission expires Aug 1, 1907

Affidavit of Five Hundred Dollars Improvements.

We, H. A. Collin and P. E. Van Bergen

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

Keystone No. 708 mining claim, situate in Greenlee Gold Mountains

mining district, Graham County, Arizona Territory, for which

The Standard Copper Co, by J. W. Bennett, Manager,

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 grantor exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

H. A. Collin

P. E. Van Bergen

TERRITORY OF ARIZONA,

COUNTY OF Graham

} ss:

Sworn to and subscribed before me this 9th day

of September, 1905

[SEAL.]

James Cobb

Notary Public

My Commission expires Jan. 5/07

AMENDED LOCATION NOTICE.

Know all Men by these Presents:

That Shannon Copper Co., the undersigned, has this 1st day of August, 1905, amended, located, and claimed, and by these presents does amend, locate, and claim, by right of the original discovery and this additional and amended location certificate on the Keystone #7 lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles, and variations.

The length of this claim is 1493.1 feet, and we claim 1393.1 feet, in a North Eastern direction, and 100.0 feet in a South Western direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with cut 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 North East to the South West.

The claim is situated and located in the Greenley Gold Mountain Mining District, in Graham County, Territory of Arizona, about U.S.L. M #2 beary from Cor #2 (the North West Cor.) N. 28°04' E 5177 ft.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at corner No. 1 Thence N. 72°25' W. 127.5 ft.

to corner No. 2. Thence S. 17°12' W. 1493.1 ft.

to corner No. 3. Thence S. 72°25' E. 1125.4 ft.

to corner No. 4. Thence N. 17°40' E. 1493.1 ft.

to corner No. 1, 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 Keystone #7 Mining Claim, located by The Arizona Copper Co on the 15th day of November 1897, and recorded in book 9 of Records of Mines, at page 381, in the office of the County Recorder of the aforesaid County of Graham to which reference is hereby made, and amended the 15th day of August 1901; the amended location being recorded in Book 13 page 346, in the aforesaid office.

Dated and posted on the ground this August day of 1905
Shannon Copper Co
Whitney Agn.
James Cobb
Thit

TERRITORY OF ARIZONA.

County of _____

County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at _____

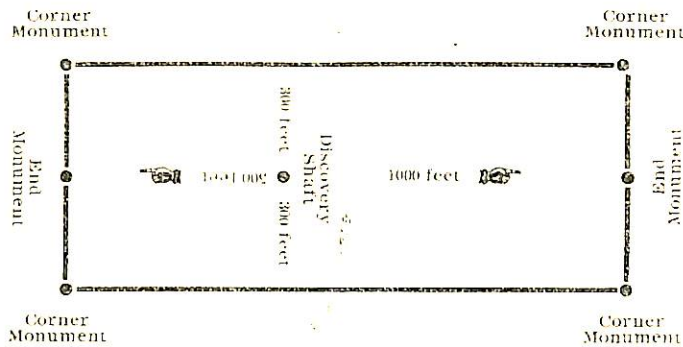
o'clock _____ M., on this _____ day of _____ 190 _____, and

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.



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 other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

#2359.

AMENDED
Notice of Location

LODE CLAIM

"Keyhole # 7"

Greener Gold Mountain Dist.

Shannon Copper Co.,

Locator

Dated August 1 1905

Filed and recorded at request of
Lamar Cobb, Jr.

August 4, A. D. 1905

at 9 o'clock P. M.

Book 16 Records of Mines

Pages 103

Mit Shinnel

County Recorder.

By J. C. Little

Deputy Recorder.

ERA PRINT, CLIFTON

Fees \$100 Paid.

paid cash

AMENDED LOCATION NOTICE.

Know all Men by these Presents :

That The Shannon Copper Co, the undersigned, has this 15th day of August, 1905, amended, located, and claimed, and by these presents does amend, locate, and claim, by right of the original discovery and this additional and amended location certificate on the Keystone #8 lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles, and variations.

The length of this claim is 1493.1 feet, and 15.0 feet, in a North easterly direction, and 1478.1 feet in a South westerly direction from the center of the discovery 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 North East to the South West. The claim is situated and located in the Greenlee Gold Mountains Mining District, in Graham County, Territory of Arizona, about U.S.L.M. #2 bears from Cor. No. 1 (the North East Cor.) N. 21° 25' E. 5102 ft.

The surface boundaries of the claim are marked upon the ground as follows:

- Beginning at corner No. 1 Thence N. 72° 25' W. 600 ft.
- to corner No. 2 Thence S. 17° 40' W. 1493.1 ft.
- to corner No. 3 Thence S. 72° 25' E. 600 ft.
- to corner No. 4 Thence N. 17° 40' E. 1493.1 ft.
- to corner No. 1, 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 Keystone #8 Mining Claim, located by The Arizona Copper Co. on the 15th day of November 1897, and recorded in book 9 of Records of Mines, at page 382, in the office of the County Recorder of the aforesaid County of Graham to which reference is hereby made, and amended on the 15th day of August 1901; the amended location being recorded in book 13 page 346 and in the aforesaid office.

Dated and posted on the ground this August day of 1905

Saccerobob
Witness

Shannon Copper Co
J.W. Bennie, Agt.

COBB & ERWIN
MINING AND CIVIL ENGINEERS
U. S. MINERAL SURVEYORS

APR 10 1908

Clifton, Arizona, March 19/08

Hon. Grant S. Ingalls,
 U.S. Surveyor General,
 Phoenix, Ariz.

Dear Sir,

Referring to the field notes of the
 Keystone Nos. 7 & 8, Survey No. 2160, I beg to certify
 that the gravity tramway, a one ninth interest
 in which was credited to each of these lodes,
 was constructed for the common improvement
 of the La Candelaria, Lot No. 1279, Lang Tom, Lot No. 1486,
 White Hawk, Lot No. 46, Black Hawk Lot No. 65, Northern
 Point Lot No. 57, 1st N. Extr. Mexico Lot No. 45, and
 E. Extr. White Hawk Lot No. 1732 in addition
 to Keystone Nos 7 & 8, Survey No. 2160. All of these
 mine lodes were the property of the Shannon Copper
 Co. at the date of Survey No. 2160.

Very respectfully

Lamar Cobb

U.S. Deputy Mineral Surveyor

TERRITORY OF ARIZONA.

County of _____

County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at _____

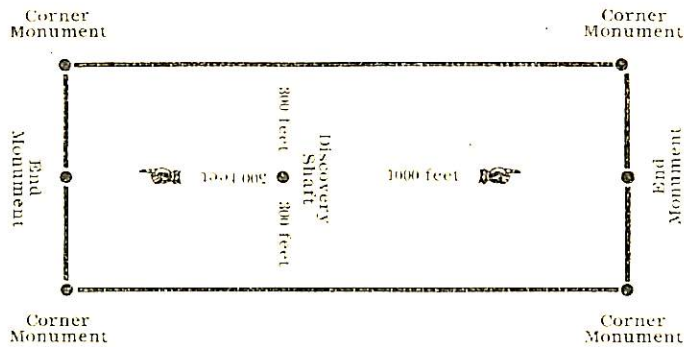
o'clock _____ M., on this _____ day of _____ 190____, and

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.



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 other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

2390

AMENDED
Notice of Location

LODE CLAIM

"Keystone #8"
Greenville Green Mining Dist.
Shannon Copper Co.
Locator

Dated August 1 1905

Filed and recorded at request of
Lawson Cobb jr.

August 4 A. D. 1905
at 9 o'clock A. M.
Book 16 Record of Mines
Pages 103
Mit Simund

County Recorder.
By: *A. P. Little*
Deputy Recorder.

ERA PRINT, CLIFTON

Fees \$100 Paid

Underpaid

I certify that the foregoing is a true and correct copy of the report made by Lamar Cobb, U. S. Deputy Mineral Surveyor, who executed Mineral Survey No. 2160, and further than the incline gravity tramway, total value \$27000, was constructed for the practical development of the La Candelaria lode, Sur. No. 1229, Long Tom lode, Sur. No. 1486, White Hawk lode, Lot No. 46, Black Hawk lode, Lot No. 65, Northern Point lode, Lot No. 57, 1st N. Extension Metcalf lode, Lot No. 35, White Hawk F. Extension lode, Sur. No. 1732, Keystone No. 7 and Keystone No. 8 lodes, Survey No. 2160, and that a one-ninth interest in the total cost of said gravity tramway, valued at \$3000, was properly credited to the Keystone No. 7 lode, and a one-ninth interest, valued at \$3000, was properly credited to the Keystone No. 8 lode.

Frank S. Ingalls,
U. S. Surveyor General.

Phoenix, Arizona,
April 10, 1908.

(Copy of certificate furnished claimant.)

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

Dec. 14th, 1905

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of The "Shannon Copper Co."

known as the Keystone Nos. 7 & 8

situate in Greenlee Gold Mountain

Mining District, Graham County, Arizona

in Section 33, Township No. 3 S., Range No. 29 E. unsurveyed

designated as Survey No. 2160, 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 said ^{or for each of} mining claim by claimants or their grantors, and that said improvements consist of 1 tunnel, 1 shaft, ore bins, mine R.R., 2/9 interest in tramway and 10 ft of tunnel on La Candelaria lode, total value \$2425.00

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.

---(Signed) Frank S. Ingalls,---

United States Surveyor-General for Arizona

(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

Dec. 14th 1905, 18

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 "Shannon Copper Co."

known as the

Keystone Nos. 7 & 8

situate in Greenlee Gold Mountain mining district,

Graham County, Arizona

in Section 33 4, Township No. 3 S., 29 E. 4 S., Range No. 29 E. unsurveyed

designated as Survey No. 2160

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

Surveyor, Sept. 8th and 9th, 1905., 18, under my instructions dated

Sept. 6th, 1905., 18, 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 applicants for survey is included in the field notes.

Frank S. Lyman

U. S. Surveyor General for Arizona.

MPD
YARGE