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(4-683.)

Mineral Survey No. 2017

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. A. Bretherton and
C. M. Henke

KNOWN AS THE

Arizona

~~situated in~~ Hannan Mining District,

Cochise County, Arizona

Section approx, Township 23 S, Range 34 E. 5 S. R. B. & M.

Surveyed under instructions dated Feb 28th, 1905

by Franklin W. Smith,
U. S. Deputy Mineral Surveyor.

Claim ^{am} located Feb 7th - Jan 29th 1905, 1905

Survey commenced Jan 29th 1905, 1905

Survey completed March 4th, 1905

Post Office ^{o 6-180} address of Claimants
Bisbee, Cochise County Arizona

Tie line (See Note)
Sedge line OK #
areus OK #

Feet

Beginning at Cor. No. 1, situated on line 2-3 St. Louis lode, Survey No. 2008, *Muller* identical with location

sq., set 1 ft in the ground in a mound of stones and scribed 1-2017 A.L., whence a pine post of same dimensions and scribed W. C. 1-2017 brs. N. 04° 22' W. 50 ft., and a second pine post of same dimensions and scribing brs. S. 04° 22' E. 50 ft. and U.S.M.M. No. 4 Warren Mining District, brs S. 74° 46' W. 3548.2 ft.

Thence N. 04° 22' W.

108.5 to the intersection of line 2-3 St. Louis lode, Survey No. 1909 at N. 59° 50' W. 725.8 ft from Cor. No. 3 and the intersection of line 1-2 Oakland lode, Survey No. 1909, at ^π 59° 50' W. 725.8 ft from Cor. No. 2. Cor. No. 2 Oakland lode is identical with Cor. No. 3 St. Louis lode.

836.9 same bearing to intersection of line 5-4 Oakland lode Survey No. 1909 at N. 59° 50' W. 580.1 ft from Cor. No. 4 and the intersection of line 1-2 Bisbee lode, Survey No. 1909 at N. 59° 50' W. 529.3 ft from Cor. No. 2,

964.50 same bearing to Cor. No. 2, the NE cor. identical with location, a pine post 4 ft long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 2-2017 A.L., whence a pine post of same dimensions and scribed W. C. 2-2017 brs. N. 04° 22' W. 50 ft., and a second pine post of same dimensions and scribing brs. S. 04° 22' E. 50 ft

Thence S. 62° 39' E.

357.60 to original location for N.E.C.

497.9 same bearing to Cor. No. 3 the NE cor identical with location and situated on the W side line of Windy lode unsurveyed, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 3-2017 A.L., whence a pine post of same dimensions and scribed W.C. 3-2017 brs. S. 24° 29' W. 25 ft, and a second pine post of same dimensions and scribing brs. N. 24° 29' E. 25 ft.

Feet³

Thence S. 24° 29' W.

130.0 along the W. side line of Windy lode unsurveyed to the intersection of line 1-2 Bisbee lode, Survey No. 1909 at N 59° 50' W 91.1 ft from Cor. No. 2, and the intersection of line 5-4 Oakland lode, Survey No. 2017 at N. 59° 50' W 141.9 ft from Cor. No. 4,

141.5 same bearing to Cor. No. 4, identical with location and with the SW cor of Windy lode, unsurveyed, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 4-2017 A L, whence a pine post of same dimensions and scribed 4-2017 brs. N. 24° 29' W 25 ft and a second pine post of same dimensions and scribing brs. S. 24° 29' E. 50 ft.,

Thence S. 68° 19' E.

77.6 to the intersection of line 5-4 Oakland lode, Survey No. 1909 at N. 59° ⁵⁰~~50~~' W. 64 ft from Cor. No. 4 and the intersection of line 1-2 Bisbee lode, Survey No. 1909 at N. 59° 50' W. 13.2 ft from Cor. No. 2,

90.1 same bearing to the intersection of line 2-3 Bisbee lode Survey No. 1909 at N 06° 42' E. 2 ft from Cor. No. 2.

270.0 same bearing along the S end line of ^{Windy} Bisbee lode unsurveyed to Cor. No. 5, identical with location a pine post 4 ft long 4 ins. sq set 1 ft in the ground in a mound of stones and scribed 5-2017 A L., whence a pine post of same dimensions and scribed W. C. ²⁰¹⁷~~5-2017~~ brs S. 4° 22' E 50 ft and a second pine post of same dimensions and scribing brs. N. 4° 22' W. 50 ft.

Thence S. 04° 22' E.

500.3 to Cors. No. 2 and 3 respectively of Rastus lode, Survey No. 1910 and Oakland lode, Survey No. 1909, *whence Cor No 4 Oakland lode Sur No 1905 brs. N. 16° 43' or 561.5 ft.*

659.6 same bearing to Cors. No. 1 and 2 respectively of Rastus lode, Survey No. 1910 and Admiral Dewey lode, Survey No. 1910.

762.7 same bearing to Cors. No. 2 and 3 respectively of Oakland and St. Louis lodes, Survey No. 1909

Feet

1136.9 same bearing along line 3-4 St Louis lode, Survey No. 1909 to Cor.No.6. identical with location, and with Cor. No.4 St.Louis lode, a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 6-2017 A L whence a pine post of same dimensions and scribed 6-2017 brs.S.04° 22' E. 25 ft and a second pine post of same dimensions and scribing brs. N. 4° 22' W. 25 ft.,

Thence S. 12° 36' W.

160.5 along line 4-5 St.Louis lode, Survey No.1909 to Cor.No. 1 and 2 respectively of Admiral Dewey and Buzzard lodes, Survey No.1910 from which point CorNo.2 Admiral Dewey lode Survey No.1910 identical with Cor.No. 1 Rastus lode of the same survey brs.N.00° 08' W. 632.4 ft.

200.1 same bearing along line 2-1 Buzzard lode, Survey No.1910 to Cor.No.7, the SE cor identical with location being at the point of intersection of line 5-6 Little Casino lode, Survey No2004 with line 4-5 St.Louis lode, Survey No 1909, a pine post 4 ft long 4 ins. sq set 1 ft in the ground in a mound of stones and scribed 7-2017^{A.L.} whence a pine post of same dimensions and scribed W.C.7-2017 brs. N.62° 39' W. 25 ft and a second pine post of same dimensions and scribing brs. S.62° 39' E. 25ft

Thence N. 62° 39' W.

295.75 along line 6-5 Little Casino lode, Survey No. 2003, original location for S E C,

350.7 same bearing to Cor.No.9 the SW cor identical with location, with Cor.No.5 Little Casino lode, Survey No.2003 and situated on line 3-4 Miller lode, Survey No.2008, a pine post 4 ft long 4 ins.sq. set 1 ft in the ground in a mound of stones and scribed 8-2017 AL., whence a pine post of same dimencions and scribing brs. N. 03° 51' E. 25 ft and a second pine post of same dimensions and scribing brs. S. 03° 51' W. 25 ft.

5et

Thence N. 03° 51' E.

381.7 along line 4-3 Miller lode, Survey No.2008 to Cor.No.9 identical with location and with Cor.No.3 Miller lode, a pine post 4 ft long 4 ins. sq set 1 ft in the ground in a mound of stones and scribed 9-2017 A L., whence a pine post of same dimensions and scribed W. C. 9-2017 brs. N. 03° 51' E. 50 ft and a second pine post of same dimensions and scribing brs.S. 03° 51' W. 50 ft.,

Thence N. 48° 21' W.

425.8 along line 3-2 Miller lode, Survey No.2008, to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the SE C location N. 04° 22' W. 1500 ft.

AREA

Total and net area Arizona 16.761 acres

Note The following areas in conflict are not excluded from the total area of this survey:

Area in conflict with Bisbee lode, Survey No.1909	.00025 nominal ✓
Bisbee lode, Survey No.1909	1.269 a ✓
Oakland lode, Survey No.1909	9.345 ✓
St. Louis lode, Survey No.1909	3.181 ✓
<i>See conflict with Admiral Dewey</i>	
Admiral Dewey lode, Survey No.1910	0.257 ✓

IMPROVEMENTS.

I certify that the value of the labor and improvements placed thereon by claimants or their grantors are as follows:

No.1 Discovery open cut 4½ x 10½ x 16 ft brs from S end center of location N.04° 22' W. 300 ft., Value \$100.00

ADJOINING CLAIMS.

- East Windy lode, unsurveyed, C.T.Winwood, et al owners
- Rastus, Admiral Dewey and Buzzard lodes, Survey No.1910
- Denn-Arizona Dev.Co. owners
- South Little Casino lode, owned by applicants herein
- West Miller lode, Survey No.2008 John M. Johnson et al owner
- St. Louis and Oakland lodes survey No.1909 Copper King of Arizona, owner.

Feet

ADJOINING CLAIMS. (con)

North Bisbee lode, Survey No.1909, Copper King, of Arizona,owner

LOCATION.

This claim is located about 1 mi and $\frac{1}{4}$ in an easterly direction from the City of Bisbee, Cochise County, Arizona, in the Warren Mining District, approximately in T_p23 S R 2 4 E G & S R E & M on unsurveyed lands.

INSTRUMENT.

This survey was made with a Leitz mountain and mining transit. The courses were deflected from the true meridian as determined by solar observation checked by an observation on polaris.

The distances were measured with a 100 ft. Steel Tape.

Magnetic Variation 12° 30' E.

Franklin W. Smith

Bisbee, Arizona

U.S. Dep. Mineral Surveyor.

March 4, 1905.

Note.

Complete affidavit of \$500 improvements on this survey will be furnished before the expiration of publication. Any discrepancies between the courses and distances of this survey and those of the adjoining or conflicting approved surveys are due to errors in the latter.

JUL 29 1905
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Survey No. 2017.

ARIZONA MINING CLAIM,
situated in the Warren Mining District, Cochise County,
Arizona; C. M. Henkel et al owners.

AFFIDAVIT OF \$500 IMPROVEMENTS:

I hereby certify that the value of the labor and
improvements placed hereon by claimants and their grantors
are not less than \$500 and that said improvements con-
sist of:

- No.1 Discovery open cut 4.5x10.5 x16 ft brs from S E C location
N 4° 22' W. 300 ft., Value \$100.00
 - No.2 Open cut 4x10x18 ft, and tunnel 4x6x35 ft, mouth of open
cut brs from Cor.No.6 N. 73° 30' W. 75 ft., Value 450.00
- Total improvements \$550.00

Franklin W. Smith

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona
July 27th 1905.

Affidavit of Five Hundred Dollars Improvements.

We, R. A. Giesemer and T. Field

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

Arizona mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which

C. M. Henkel and R. A. Bretherton

have 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 applicants and

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

in said mine.

R. A. Giesemer
T. Field

TERRITORY OF ARIZONA,
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 27th day

[SEAL.]

of July, 1905

Core C. Smith


Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for the district of Arizona.
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or their grantors, upon the mining claim of
C. M. Henkel et al,
known as the Arizona,
situate in Warren mining district,
Cochise County, Arizona.
in Section _____, Township No. _____, Range No. _____;
that said improvements consist of 2 cuts, 1 tunnel, value, \$550.

_____, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated
July 27th 1905., 18 _____, is hereto attached.


U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,
Phoenix, Arizona,

Aug. 1st, 1905., 18 _____

FINAL OATHS FOR SURVEYS.

LIST OF NAMES

A list of the names of the individuals employed by Franklin W. Smith
 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. A. Bretherton and C. M. Kenner
 known as the Arizona
 and showing the respective capacities in which they acted.

Peter Chiado, Chainman.
Fred Hauenstein, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Peter Chiado
 and Fred Hauenstein, do solemnly swear that we assisted Franklin W. Smith
W. Smith, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of R. A. Bretherton and C. M. Kenner
C. M. Kenner, known as the Arizona
 _____, known as the _____

_____, 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

Peter Chiado, Chainman.
Fred Hauenstein, Chainman.
 _____, Axman
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 4th day of March, 1905

Conrad Smith

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Jan 19, Feb 28th, 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 P. A. Breckston and C. M. Keurke, known as the Arizona, situate in Wannan Mining District, Cochise County, Arizona, in Section appx 1, Township No. 23S, Range No. 24E, ~~Y. S. B. B. M.~~ and designated as Survey No. 2017, 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.

Franklin W. Smith
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith
U. S. Deputy Mineral Surveyor, before me _____
_____ this 2nd
day of March, 1905
Carroll Smith

Amended

Notice of Mining Location.

Lode Claim.

To All Whom It May Concern:

This Mining Claim, the name of which is the Arizona 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 R. A. Bretherton and C. M. Hankel, both citizens of the United States, the undersigned, on the 7th day of February, A.D. 1905.

The length of this claim is fifteen hundred feet and we claim S 4° 22' E three hundred feet and N 4° 22' W twelve hundred feet from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The course of the lode deposit and premises is N 4° 22' W.

This claim is situated and located in the Warren Mining District in Cochise County, in the Territory of Arizona, about one and one quarter miles in an easterly direction from the city of Bisbee and is bounded on the East by the Buzzard, Admiral Dewey and Rastus Lodes Survey No 1910. This is the location of the eastern portion of the abandoned mining claims known as the "St Louis", "Oakland" and "Bisbee", Sur. No. 1909.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a pine post S. 4° 22' E three hundred feet from the Discovery Shaft (at which this notice is posted) being in the center of the south end line of said claim: thence N 62° 39' W 66.2 feet to a pine post, being the southwest corner of said claim, thence N 3° 51' E 381.7 feet to a pine post, being a corner of said claim: thence N 48° 21' W. 425.8 feet to a pine post, same being a corner of said claim: thence N. 4° 22' W 964.0 feet to a pine post, being the northwest corner of said claim: thence S. 62° 39' E. 353.25 feet to a pine post, being at the north end center of said claim: thence S. 62° 39' E 144.65 feet to a pine post, being the northeast corner of said claim: thence S. 24° 29' W 141.5 feet to a pine post, same being a corner of said claim: thence S. 68° 19' E

270.0 feet to a pine post, being a corner of said claim: thence S. 4° 22' E. 1136.9 feet to a pine post, being a corner of said claim: thence S. 12° 36' W 200.1 feet to a pine post, being the southeast corner of said claim; thence N 62° 39' W 284.5 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, 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 Arizona Mining Claim, located by R. A. Bretherton and C. M. Henkel on the 1st day of January; A. D. 1905, and recorded in Book 32 of Records of Mines, at page 291, in the office of the County recorder of the aforesaid County of Cochise, 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 7th day of February; A.D. 1905.

R. A. Bretherton,

C. M. Hankel.

Filed and recorded at request of C. M. Henkel Feb. 21 1905 at 9 A. M. in Book 32, at page 428, Record of Mines.

Territory of Arizona, (
County of Cochise. (ss. (

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the Amended Location Notice of the Arizona Mining Claim, filed and recorded in my office on the 21st day of February, 1905, in Book 32, at page 428, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 21st, day of February 1905.

Frank Hare

County 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.

June 2, 1905.

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of R. A. Bretherton and C. M. Henkel,

known as the Arizona.

situate in Warren Mining District, Cochise County, Arizona.

in Section approx., Township No. 23 S., Range No. 24 E. unsurveyed, designated as Survey No. 2017

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, Feb. 29, to March 4, 1905, under my instructions dated

Feb. 28, 1905, 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.

Paul S. Russell

U. S. Surveyor-General for Arizona.

SURVEY NO. 2017

Scale: 200 ft = 1 in.



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1073.4
425.8

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24 29
84 19
8

59 50
66 42
66 32

