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*As per Grant
6/30/05*

(4-683.)

Mineral Survey No. 2008

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Stephen M. Miller and
John M. Johnson

KNOWN AS THE

Miller

Situated in Warner

Mining District,

Coconino

County,

Arizona

Section Approx Township 23S

Range

34E Gr SR B. M

Surveyed under instructions dated

Dec 19, 1904

by

Franklin M. Smith

U. S. Deputy Mineral Surveyor.

Claim located see Loc. Notes 1

Survey commenced Jan 1st 1905 1

Survey completed 15th 1

U. S. G. 160

*Tie line (see note)
Sedge P.M.
Areas 0.10
3/18/05*

*P.O. Address of Claimants
Bisher Coctise Co.,
Ariz*

West

Beginning at Cor.No.1, the SW cor., identical with location, with the NW cor of an unsurveyed fraction and situated on line 4-3 Collins lode, Survey No.2009 a pine post 4 ft long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed, 1-2008 M.L., whence a pine post of same dimensions and scribed W. C. 1-2008 brs.N. 03° 51' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 03° 51' W. 50 ft., and U.S. M.M.No.4 Warren Mining District brs S. 70° 56' W. 2719.5.

Thence N. 03° 51' E

379.65 along line 4-3 Collins lode, Survey No.2009 to original location for W. end center.

416.5 same bearing to Cor.No.3 Collins lode Survey No.2009

429.9 same bearing to the intersection of line 6-7 Chicago lode, Survey No.1909 which line is common with line 1-2 Madison lode of the same survey, at N 43° 42' 30" W.

349.7 ft from Cor.No6. Cor.No.8 Madison lode is identical with Cor.No6 Chicago lode

759.3 same bearing to Cor.No.5 the NW 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 2-2008 M L whence a pine post of same dimensions and scribed W C 2-2008 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' E.

214.7 to the intersection of line 4-3 Madison lode, Survey No 1909 which line is common with line 5-1 Oakland lode of the same survey, at N. 16° 43' W. 119.4 ft from Cor.No 3, Cor.No.3 Madison lode is identical with Cor.No.1 Oakland lode.

624.5 same bearing to the intersection of line 2-1 Oakland lode, Survey No.1909 which line is common with line 3-2 St Louis lode of the same survey at S. 57° 50' E. 314.4 ft from Cor.No.1, Cor.No.1 Oakland lode is identical with

Feet

- 1073.4 Cor No. 2 St. Louis lode, *from which pt. Cor. No. 1 ~~St. Louis~~ lode*
brs. S 40° 22' E 730.3 ft & Cor No 2 Madison lode, same course, 328.3 ft,
 same bearing to Cor. No. 1 Arizona lode, Survey No. 2017
- 1499.2 same bearing to Cor. No. 3 NE cor identical with location
 of Cor. No. 3 Arizona lode Survey No. 2017. a
 pine post 4 ft long 4 ins. sq. set 1 ft in the ground in
 a mound of stones and scribed 3-2008 M L. thence a pine
 post of same dimensions and scribed W. C. 3-2008 brs. N.
 03° 51' E. 50 ft and a second pine post of same dimensions
 and scribing brs. S. 03° 51' W. 50 ft.
- 379.65 Thence S. 03° 51' W.
 381.17 to original location Cor 3. and center, same bearing
 along line 3-2 Arizona lode, Survey No. 2017 to Cors No
 3 and 5 respectively Arizona lode Survey No. 2017 and Little
 Casino lode, Survey No. 2003
- 476.9 same bearing to the intersection of line 5-1 St. Louis
 lode, Survey No. 1909 which line is common with line
 3-4 Boston lode, of the same survey, at S. 59° 50' E.
- 969.0 Ft from Cor. No. 1, Cor. No. 1 St. Louis lode is identical
 with Cor. No. 4 Boston lode.
- 692.2 same bearing to Cor. No. 4 Little Casino lode, Survey No
 2003, thence Cor. No. 3 Little Casino lode brs. N. 62°
 59' W. 209.85 ft.
- 759.3 same bearing to Cor. No. 4 the SE 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 4-20.8 M L
 thence a pine post of same dimensions and scribed W. C. 4-
 2008 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. 47° 55' W.
- 237.4 to Cor. No. 5 Little Casino lode Survey No. 2003
- 743.9 same bearing along line 3-2 Little Casino lode, Survey
 No. 2003 to Cor. No. 5. identical with Cor. No. 2 and 3 respec-
 tively of Little Casino lode, Survey No. 2003 and
 Jackⁿ lode, Survey No. 1527 a pine post 4 ft long 4 ins
 sq set 1 ft in the ground in a mound of stones and
 scribed 5-20⁰ M L thence a pine post of same dimensions

Feet

and scribed W. C. 5-2008 M L brs. N. 47° 55' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 47° 55' E. 25 ft. and Cor.No.4 Jocker lode Survey No.1527 brs *N 48° 53' 30" W*

Thence N. 48°46' W.

483.3 to the intersection of Line 6-5 Boston lode Survey No 1909 which line is common with line 4-5 Chicago lode of the same survey at S. 32° 40' W. 154.1 ft from Cor.No5

Cor.No.5 of Chicago and Boston lodes are identical, *from which* at Cor. No.6 Chicago lode. brs. N. 4° 22' W, 226.4 ft + Cor. No.4 - Boston, brs. same bearing to Cor.No.1 the place of beginning. *S 40° 22' E, 178.6 ft*

Lodge.

The presumed course vein on this claim is from the W end center of location S. 48° 21' E. 1409.2 ft.

Area.

Total and net area Miller lode 20.55³ a ✓

The following areas in conflict are not excluded from this survey:

- Area in conflict with St.Louis lode, Survey No. 1909 12.646⁷ ✓
- Area in conflict with Boston lode Survey No.1909 3.344⁴ a ✓
- Chicago lode Survey No.1909 2.485 ✓
- Madison lode Survey No.1909 1.782 ✓
- Oakland lode Survey No.1909 0.295 ✓
- Little Casino lode, Survey No.2002 .144 ✓

IMPROVEMENTS.

I hereby certify that the value of the labors and improvements on this claims placed thereon by the gr claimants or their grantors is not less than \$500 and that said improvements consist of:

- No.1 Discovery cut 6x8x17 ft and shaft 5x6x4 ft brs from Cor No.1 N. 73° 06' E. 54 ft., Value \$100.00
- No.2 Open cut 20x7x10 ft tunnel 5x6x12 ft. source S. 80° W. bearing Cor.No.5 N 14° 27' E. 557 ft Value 220.00
- No.3 Open cut 6x9x7 ft and shaft 4x6x7 ft. brs from same point N.13° 26' E. 538 ft value 150.00
- No.4 Shaft 5x7x10 ft brs from same point N.29° 57' E. 370 ft Value 100.
- No.5 Open cut 4x10x20 ft tunnel 4x5x9 ft brs from same point N.56° 42' E. 346 ft Value 150 00

Total improvements on Miller lode \$220

ADJOINING CLAIMS.

South Jcker lode, Survey No.1527, John Johnson owner
 Little Casino lode, Survey No.2003, R.A.Bretherton et al
 owners. Boston lode, Survey No.1009 Copper King of Arizona
 owner

East St.Louis lode, Survey No.1909, Copper King of Arizona owner
 Arizona lode, Survey No.2017, R.A.Bretherton et al owners

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

West Madison lode Chicago, Survey No.1909 Copper King of
 Arizona owner. Collins, lode, Survey No.2009 E.D.Collins
 and Peter G.Hansen owners.

LOCATION

This claim is located about 1 mi in an E direction
 from the city of Bisbee, on unsurveyed lands in the
 Warren Mining District Cochise County, Arizona. Approx-
 imately in Tp. 23 S R 24 E G & S R E & M .

INSPECTION.

This survey was made with a Jeltz 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 500 foot steel tape. Magnetic variation $12^{\circ} 30' N.$

U. S. Deputy Mineral Surveyor.

HISDEE, ERINORE,

1st February 1906.

Charles T. Smith

Note

Any discrepancies between the courses and distances of Mineral Monument tie of this survey and those of the adjoining or conflicting approved surveys are due to errors in the latter.

Improvements.

I certify that the value of the labor and im-
provements on this claim placed thereon by the claimants
and their grantors is not less than \$500 and that said
improvements were placed on claim before the 15th day of
June, 1905, and prior to the expiration of the period of
publication of the application for patent, and that said
improvements consist of:

- | | | |
|-------|--|----------|
| No. 1 | Discovery cut 6x8x17 ft. and shaft 5x6x4 ft brs from Cor
No. 1 N. 73° 6' E. 54 ft., Value, | \$100.00 |
| No. 2 | Open cut 20x7x10 ft tunnel 5x6x12 ft course S. 80° W
brs from Cor. No. 5, N. 14° 27' E. 557 ft., Value | 270.00 |
| No. 3 | Open cut 6x9x7 ft and shaft 4x6x7 ft brs from same point
N. 13° 26' E. 538 ft., Value, | 150.00 |
| No. 4 | Shaft 5x7x10 ft brs from Cor. No. 5, N. 29° 57' E.
370 ft., Value, | 150.00 |
| No. 5 | Open cut 5x10 x 20 tunnel 4x5x9 ft
course N. 80° E. brs from Cor. No. 5, N. 36° 42' E.
346 ft., Value, | 150.00 |
| No. 6 | Shaft 4x6x10 ft on ledge brs from E E C N. 48°
21' W. 464 ft Value, | 100.00 |
| No. 7 | Shaft 4x6x10 ft brs from E E C location N. 48° 21' W
748 ft., on ledge, Value, | 100.00 |
| | Total improvements on "Miller" lode, | \$970.00 |

Franklin W. Heath

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

June 25, 1905'

Affidavit of Five Hundred Dollars Improvements.

We, H. A. Ziesemer and J. C. Severent

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Miller mining claim, situate in Harren

mining district, Cochise County, Arizona Territory, for which

John M. Johnston and Stephen M. Miller

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 applicant and

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

H. A. Ziesemer
J. C. Severent

TERRITORY OF ARIZONA,
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 25th day

[SEAL.]

of June, 1905

Cora E. Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1905

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for..... Dist. of Arizona.....,
do hereby certify that Five Hundred Dollars' worth of labor has been expended on
improvements made by claimant or...their...grantors, upon the mining claim of
..... John M. Johnson and Stephen Miller

known as the..... Miller,
situate in Warren mining district,
..... Cochise County, Arizona

in Section....., Township No....., Range No.....;
that said improvements consist of 4 cuts, 5 shafts and 2 tunnels, total
value, \$970.00

....., 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
..... June 25, 1905....., 18, is hereto attached.



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

Office of U. S. Surveyor General,

..... Phoenix, Arizona

..... Sept. 12, 1905....., 1

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 Stephen M. Miller and John M. Johnson
 known as the Miller
 and showing the respective capacities in which they acted.

Peter Chiado, Chairman.
Frank Rafeth, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Peter Chiado
 and Frank Rafeth, do solemnly swear that we assisted Franklin W. Smith
 _____, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of John M. Johnson
 and Stephen M. Miller
 _____, known as the Miller

_____, 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, Chairman.
Frank Rafeth, Chairman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 1st day of February, 1905

Conrad Smith

My Commission Expires March 21, 1905

(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 Dec 9, 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 Stephen M Miller and John M Johnson, known as the Miller, situate in Warren Mining District, Pocahontas County, Arizona, in Section 4th, Township No. 23 S, Range No. 24 E 7 & 8 R B & M, and designated as Survey No. 2008, 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 mes 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 1st
day of February, 1905

Conrad Smith
NOTARY PUBLIC

Affidavit of Five Hundred Dollars Improvements.

We, Frank Rapetto and Peter Chiado

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

Miller mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which Stephen

M. Miller and John M Johnson

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 applicant and

them grantors exceed five hundred dollars in value, and further that we are not personally interested in said mine.

Frank Rapetto
Peter Chiado

TERRITORY OF ARIZONA,
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 1st day

of February, 1905

[SEAL.]

Carroll Smith

NOTARY PUBLIC
and for the County of Cochise, Territory of Arizona
My Commission Expires March 21, 1906.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom it May Concern:

This Mining Claim, the name of which is the Miller
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 Stephen M. Miller and John M.

Johnson
(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 1st day of January 1900.

The length of this claim is 1500 feet,
and we claim 100 feet,

in a Westerly direction and 1400
feet in a Easterly 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 Warren Mining District, in
Cochise County, in the Territory of Arizona, about one mile

in a n Easterly direction from Bisbee and joins the Old
Republican Patented Mining Claim on the north east corner
thereof and is a relocation of the ground claimed by the
Copper King of Arizona as the Boston Mining Claim

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

Monument of stones

at a point in a Westerly direction 100 feet from
the discovery shaft (at which this notice is posted), being in the center of the West

end line of said claim; thence Southerly 300 feet to a Monument
of stones, being the Southwest corner of said claim; thence

Easterly 1500 feet to a Monument of stones, being at the
Southeast corner of said claim; thence Northerly 300 feet

to a Monument of stones at the center of the East end of said claim;
thence Northerly 300 feet to a monument of stones being at the

Northeast corner of said claim; thence Westerly 1500
feet to a monument of stones at the Northwest corner of said claim;

thence Southerly 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 Miller
Mining Claim, located by Stephen M. Miller and John M.
Johnson on the 1st day of
January 1900, and recorded in Book 17 of Record of Mines, at
page 405, 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 16th day of June 1903.

Stephen M. Miller
John M. Johnson

Filed and recorded at request of John M. Johnson June
17th A. D. 1903 at 2 P. M. Book 26, Page 416 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 original Amended Location Notice of the Miller Mining Claim, filed and recorded in my office on the 17th day of June, 1903, in Book 26, at page 416, 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 3rd day of December, 1904.

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.

May 1st, 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 Stephen M. Miller and John M. Johnson,

known as the
Miller,

situate in Situate in Warren Mining District,
Cochise County, Arizona.

in Section approx., Township No. 23 S., Range No. 24 E. G. & S. R. B. & M

, designated as Survey No. 2008

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

Surveyor, Jan. 1st to 15th 1905, 190, under my instructions dated

Dec. 19, 1904, 190, 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. Russell

U. S. Surveyor-General for Arizona.

SURVEY NO. 2008

MILLER

Scale: 200ft=1in

MADISON
Sur. No. 1909

CHICAGO
Sur. No. 1909.

COLLINS
Sur. No. 2009.

JOCKER
Sur. No. 1527.

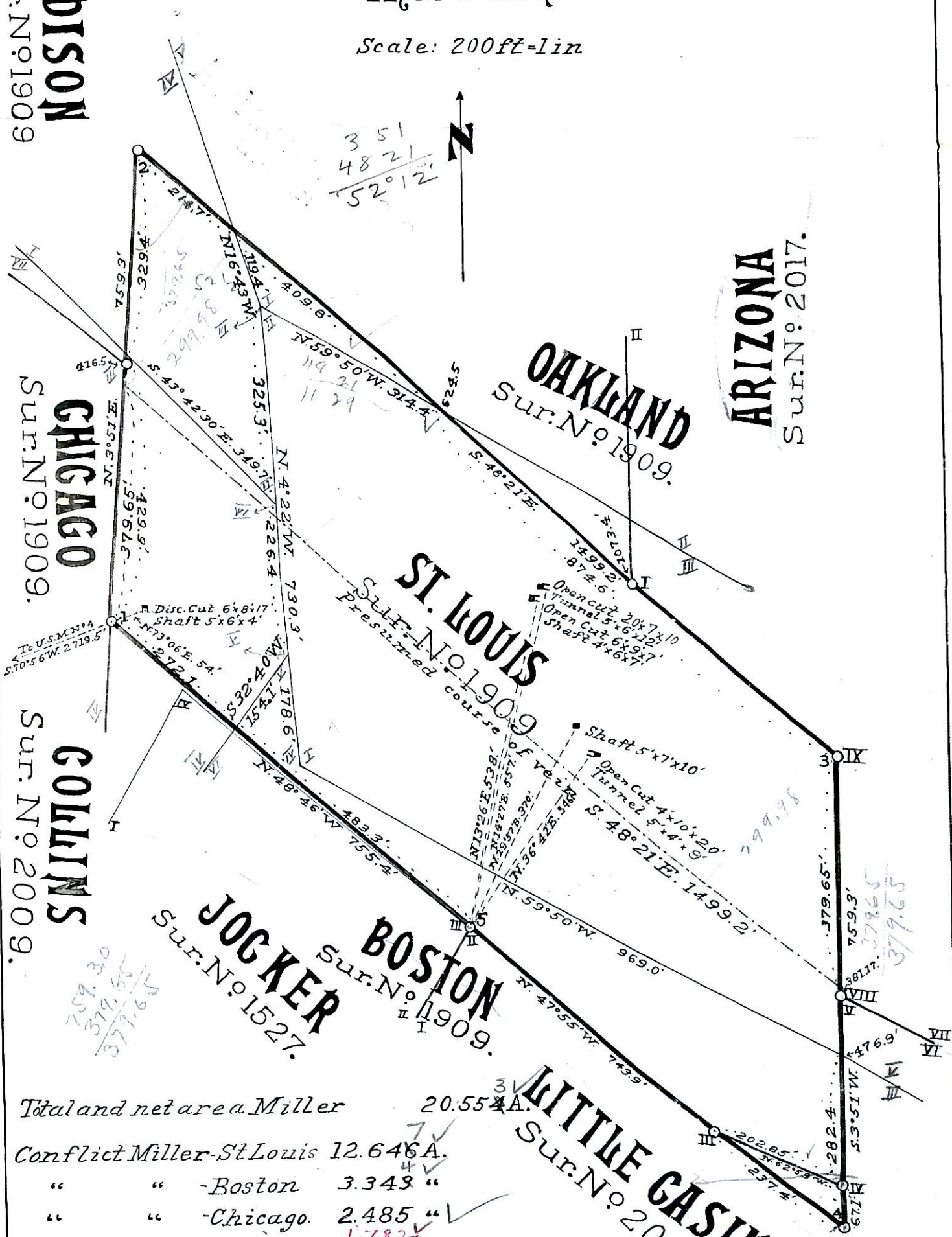
BOSTON
Sur. No. 1909.

LITTLE CASINO
Sur. No. 2003.

ARIZONA
Sur. No. 2017.

OAKLAND
Sur. No. 1909.

ST. LOUIS
Sur. No. 1909
Presumed course of



Total and net area Miller	20.554 A.
Conflict Miller-St. Louis	12.646 A.
" " - Boston	3.349 "
" " - Chicago	2.485 "
" " - Madison	1.786 "
" " - Oakland	0.295 "
" " - Little Casino	0.144 A.