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Copied from...

(4-683.)

Mineral Survey No. 2132

Lot No. _____

_____ Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. B. Broadus et al

KNOWN AS THE

Iron Gap and Iron Gap No. 1
Warren Mining District,

Cochise County, Arizona

Section Approx Township 23S, Range 24E ~~67E~~ unsurveyed

Surveyed under instructions dated July 11th, 1905

by Franklin W. Smith

U. S. Deputy Mineral Surveyor

Claim located See notices, 1

Survey commenced August 11th, 1905.

Survey completed Aug 16th, 1905

6-100

Claimants address
Bisbee, Cochise County Arizona

*Final
copy
OK
and*

Feet

Beginning at Cor.No.1 the SW cor identical with location, with Cor.No.6 Oregon lode, Survey No.2018 and situated on line 3-4 Milwaukee lode, Survey No.1909 at S. 37° 40' W. 402.9 ft from Cor.No.3, and on line 1-5

Iron Mountain No.2 lode, Survey No.2059, S. 37° 40' W 402.9 ft from Cor.No.5, a pine post 4 ft long 4 ins sq set 1ft in the ground in a mound of stones and scribed 1-2132 I C L, whence a pine post of same dimensions and scribed B. P. 1 - 2132 brs. N. 24° 29' E. 25 ft and a second pine post of same dimensions and scribing brs S. 65° 36' E. 25 ft., and U S M M No. 4 Warren Mining District brs S. 23° 13' W. 3255.9 ft.,

Thence ~~N~~^W 24° 29' E.

300.0 to original location for^N W E C.,

600.0 same bearing to Cor.No.2, 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 2-2132 I C L whence a pine post of same dimensions and scribed B.P. 2-2132 brs S. 24° 29' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 65° 36' E. 10 ft..

Thence S. 65° 36' E.

25.3 to the intersection of line 5-4 Iron Mountain No.2 lode Survey No.2059, at N. 6° 42' E. 218.2 ft from Cor.No.5 and the intersection of line 4-3 Waldo lode, Survey No 1909 at N. 6° 42' E. 218.2 ft from Cor.No.4, which point of intersection is identical with Cor.No.1 Iron Cap No 2 lode of this survey,

356.8 same bearing to Cor No.3, identical with location for N angle corner, and with Cor.No.7 Iron Cap No. 2 lode of this survey, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2132 I C L whence a pine post of same dimensions and scribed B. P 3-7-2132 brs. N. 65° 36' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 52° 8' E 25 ft and Cor.No.6 Iron Cap No.2 lode of this survey brs.S.45° 57' E 397.3 ft.

2
Survey No. 2132
Iron Cap (Con)

3 Feet

Thence S. 52° 8' E

369.1 to Cor.No.4 identical with Cor.No.5 Iron Cap No.2 lode of this survey and situated on line 1-4 Korpp lode, Survey No.1850, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2132 I.C L, whence a pine post of same dimensions and scribed B P 4-5-2132 brs S. 32° 0' E. 25 ft and a second pine post of same dimensions and scribing brs. N. 32° 0' W. 25 ft and Cor.No.6 Iron Cap No.2 lode of this survey brs S. 6° 42' W. 50 ft.,

Thence S. 32° 0' E.

700.9 to Cor.No.5 identical with Cor.No.1 Korpp lode, Survey No.1850 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 5-2132 I C L, whence a pine post of same dimensions and scribed B P. 5-2132 brs N. 32° 0' W. 25 ft and a second pine post of same dimensions and scribing brs. N. 74° 30' E 25 ft.,

Thence N. 74° 30' E.

82.9 to Cor.No.6 the NE cor situated on line 1-2 Korpp lode Survey No. 1850 identical with a cor of Gulch lode, unsurveyed, and situated on line 1-2 Waldo lode, Survey No 1909 N. 6° 42' E. 362.4 ft from Cor.No.1, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 6-2132 I C L, whence a pine post of same dimensions and scribed B. P. 6-2132 brs S. 24° 29' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 74° 30' W. 25 ft and original location for NE cor brs N. 24° 29' E. 230 ft.,

Thence S. 24° 29' W

114.0 to the intersection of line 2-3 Arizona No.2 lode, Survey No.2127 at S. 48° 21' E. 423.3 ft from Cor.No. 2 which point of intersection is identical with^{of} Cor. Gulch lode, unsurveyed,

127.1 same bearing to original location for SE E C.,

Feet

- 300.6 same bearing to the intersection of line 1-4 Waldo lode Survey No.1909 at S. 43° 36' 30" E. 1370.9 ft from Cor.No 4 and the intersection of line 5-6 Madison lode Survey No 1909 at S. 43° 36' 30" E. 1370.9 ft from Cor.No.6, and the point of intersection of line 1-4 Waldo lode, Survey No.1909 (in common with line 5-6 Madison lode Survey No.1909) with line 1-2 Arizona^{No.2} lode Survey No.2127 brs N. 43° 36' 30" W. 327.9 ft
- 435.4 same bearing to Cor.No.7 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 7-2132 I C L whence a pine post of same dimensions and scribed B. P. 7-2132 brs N. 24° 29' E. 25 ft., and a second pine post of same dimensions and scribing brs. N. 52° 8' W.25 ft.,
Thence N. 52° 8' W
- 192.3 along line 4-3 Arizona No.3 lode, Survey No.2127 to the intersection of line 1-2 Arizona No.2 lode, Survey No.2127 at S. 4° 22' E 460.4 ft from Cor No. 2
- 308.4 same bearing to Cor.No.8, identical with location for S angle corner, and with Cor.No.3, Arizona No.3 lode, Survey No.2127, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 8-2132 I C L whence a pine post of same dimensions and scribed B. P. 8-2132 brs S. 52° 8' E. 25 ft and a second pine post of same dimensions and scribing brs. N. 32° 40' E. 25 ft
Thence N. 32° 40' E.
- 68.5 to Cor.No.9. identical with Cor. No.7 Oregon lode, Survey No.2018, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 9-2132 I C L whence a pinepost of same dimensions and scribed B. P. 9-2132 brs. S. 32° 40' W. 25 ft and a second pine post of same dimensions ^{and} scribing brs. N. 65° 36' W. 25 ft
Thence N. 65° 36' W.

Survey No. 2132
IronCap (Con 3)

5 Feet

152.3 to the intersection of line 1-6 Madison lode, Survey No 1909 at S. 16° 43' E. 520.5 ft from Cor.No.6 and the intersection of line 2-3 Milwaukee lode, Survey No 1909 at S. 16°43' E. 520.5 ft from Cor.No.3,
587.1 same bearing along line 7-6 Oregon lode, Survey No.2018 to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the NW E C S. 65° 36' E 328.7 ft, thence S. 52° 8' E. 1064 ft.,

----- Iron Cap No.2-----

Beginning at Cor.No.1, the SW cor identical with location and situated on line 3-4 Waldo lode Survey No 1909 N. 6° 42' E. 218.2 ft from Cor.No.4, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2132 I C No.2 L whence a pine post of same dimensions and scribed BP.1-2132 brs S. 65° 36' E 25 ft and a second pine post of same dimensions and scribing brs. N. 6° 42' E. 25 ft., and U S M M No 4 Warren Mining District brs S.23° 47' 30" W. 3855.4 ft

Thence N. 6° 42' E

150.0 to original location NW E C

293.1 same bearing along line 5-4 Iron Mountain No.2 lode, Survey No.2059 to Cor.No.2 the NW cor at the point of intersection of line 5-4 Iron Mountain No.2 lode, Survey No 2059 with line 2-3 Baltimore lode, Survey No.2071, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2132 I C No.2 L whence a pine post of same dimensions and scribed B.P. 2-2132 brs S.6°42'W.25 ft.and a and a second pine post of same dimensions and scribing brs S 38°30'E.25 ft., and Cor.No.3, Waldo lode Survey No.1909 brs N. 6° 42'E 54.2 ft and original location for NW cor brs N. 6° 42'E 250 ft.,

Survey No. 2132
Iron Cap No. 2 (Con)

5

Feet

Thence S. 38° 30' E.

569.3 along line 2-3 Baltimore lode, Survey No. 2071 to Cor. No. 3 identical with Cor. No. 3 Baltimore lode, Survey No. 2071 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2132 I C No. 2 L whence a pine post of same dimensions and scribed B. P. 3-2132 brs N. 31° 8' E. 25 ft and a second pine post of same dimensions and scribing brs N. 38° 30' W. 25 ft.,

Thence N. 31° 8' E

70.4 to Cor. No. 4, being the point of intersection of line 3-4 Baltimore lode, Survey No. 2071 with line 1-4 Korpp lode, Survey No. 1850, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2132 I C No. 2 L whence a pine post of same dimensions and scribed B. P. 4-2132 brs S. 31° 8' W. 25 ft and a second pine post of same dimensions and scribing brs S. 32° 0' E. 25 ft..

Thence S. 32° 0' E

317.6 along line 4-1 Korpp lode, Survey No. 1850 to Cor. No. 5, the NE cor identical with location and with Cor No. 4 Iron Cap lode of this survey a pine post etc and scribed 5-2132 I C No. 2 L,

Thence S. 6° 42' W.

25.0 to original location for SE E C.,
50.0 same bearing to Cor. No. 6 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 6-2132 I C No. 2 L whence a pine post of same dimensions and scribed B. P. 6-2132 brs N. 6° 42' E. 10 ft and a second pine post of same dimensions and scribing brs. N. 45° 57' W. 10 ft

Thence N. 45° 57' W

397.3 to Cor. No. 7, identical with Cor. No. 3 Iron Cap lode of this survey a pine post etc and scribed 7-2132 I C No. 2 L

Thence N. 65° 36' W.

Feet

331.5 to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the NW E C location S 46° 50' E 785.4 ft.,



A R E A S .

Total area Iron Cap lode,	✓ 16.939 ac
Less area in conflict with Iron Mountain	
No. 2 lode, Survey No.2059	.694 ac ✓
Less area in conflict with Arizona	
No. 2 lode, Survey No.2127	<u>2.262</u> ✓ <u>2.956</u> ✓
Net area Iron Cap lode,	13.983 ac ✓

The following conflicting areas are not deducted from the area of the Iron Cap lode

Total and net area of conflict with Milwaukee lode,	
Survey No.1909	1.957 ac ✓

Total area in conflict with Madison lode,	
Survey No.1909	5.327 ac ✓

Less area in conflict with	
Arizona No.2 lode Survey No	
2127	<u>.858</u> ✓

Net area in conflict with Madison	
lode, Survey No.1909	4.459

Total area in conflict with Waldo lode,	
Survey No 1909	8.962 ✓

Less area in conflict with Arizona	
No.2 lode, Survey No.2127	<u>1.395</u> ✓

Net area in conflict with	
Waldo lode, Survey No 1909	7.567 ac

The area in conflict with the Iron Cap No.2 lode consisting of .181 ac. which embraces a portion of the Waldo conflict is claimed by this survey.

Total area Iron Cap No. 2 lode, 2.012 Ac ✓
 Less area in conflict with Iron Cap lode of
 this survey .181 ac .181 ✓
 Net area Iron Cap No. 2 lode 1.831 ac ✓

The net area in conflict with Waldo lode, Survey No. 1909
 consisting of 1.831 ac. is claimed by this survey.

IMPROVEMENTS.

I certify that the value of the labor and improve-
 ments on this claims placed thereon by claimants or
 their grantors *is* as follows:

- N^o 1 Iron Cap lode, Discovery shaft 4x6x10 ft brs from NW E C
 location S. 65° 36' E. 220 ft., Value, \$100.
 N^o 2 Shaft 4x6x10 ft brs from SE E C location N. 52° 8' W
 550 ft., Value, 100.00
 Total improvements Iron Cap lode, 200.00
 Iron Cap No. 2. Discovery shaft 4x6x10 ft brs from
 SE E C location N 46° 50' W. 400 ft., Value 100.00

Note Complete affidavit of \$500 improvements for each
 location hereof will be filed prior to the expiration of
 the period of publication.

ADJOINING CLAIMS.

- North Baltimore lode, Survey No. 2071, James H. Bell, *owner*
 Korpp lode, Survey No. 1850, John Korpp owner.
 East Gulch lode, unsurveyed, C. T. Winwood et al owners
 Survey No. 2126
 Arizona No. 2 lode, C. M. Henkel et al owners
 South Arizona No. 3 lode, Survey No. 2127. Oregon lode, Survey
 No. 2018, C. M. Henkel et al owners;
 West Iron Mountain No. 2 lode, Survey No. 2059 C. M. Henkel et
 al owners;

LOCATION

This survey is located about 1 mi in a NE direction
 from the City of Bisbee in Warren Mining District Cochise
 County Arizona approximately in T_p 23 S R 24 E G & S R B & M
 unsurveyed,

INSTRUMENT.

This survey was made with a C. L. Berger & Son No. 1 C transit; the courses were deflected from the true meridian as determined by a solar observation checked by an observation on Polaris; the distances were measured with a 300-ft steel tape; magnetic variations $12^{\circ} 30' E.$

Franklin Smith

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

Aug 27th 1905.

Notes

Any discrepancies between the courses and distances and mineral monument ties of this survey and those of the adjoining or conflicting approved surveys are due to errors in the latter.

The applicants herein do not recognize the Milwaukee Madison and Waldo locations of Survey No 1909.

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 J. B. Broadus et al

known as the Iron Cap and Iron Cap No 2

and showing the respective capacities in which they acted.

- J. A. Ziesemer Chainman.
- J. L. Levenoux Chainman.
- Arman.
- Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. A. Ziesemer
and J. L. Levenoux, 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 J. B. Broadus et al

known as the Iron Cap and Iron Cap No 2

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

- Chainman.
- Chainman.
- Arman.
- Flagman.

Subscribed and sworn to by the above-named persons before me this 22nd

day of August, 1905

Corra E. Smith
NOTARY PUBLIC
for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

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 July 11th, 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 J. D. Broadbent et al known as the Iron Cap and Iron Cap No. 1 known as the Iron Cap and Iron Cap No. 1, situate in Warren Mining District, Cochise County, Arizona, in Section 36, Township No. 23 N., Range No. 24 E. Arizona, and designated as Survey No. 2137, 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.

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 Corra E. Smith
this 22nd
day of August, 1905

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

Notice of Mining Location

LODE CLAIM

To All Whom it May Concern:

This Mining Claim, the name of which is the Iron Cap 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 Walter Thomas, J. B. Broaddus, L. C. Gonzales all citizens 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 3rd day of July 1905

The length of this claim is Fifteen Hundred feet, and we claim about 220 feet, in a North Westerly direction and about 1280 feet in a South Easterly direction 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 general course of the lode deposit and premises is from the North West to the South East

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about one mile in an Easterly direction from the City of Bisbee Arizona. This claim is located as abandoned ground

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post, set in a mound of stones

at a point in a North Westerly direction about 220 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence about N 23° 48' E 300 feet to a post and monument of stones, being the North West corner of said claim; thence about S. 65° 18' E 322.9 feet to a post and monument, being at the North angle corner of said claim; thence about S. 52° 08' E 1180 feet to a post and monument at the North East Cor. of said claim; thence about S. 23° 48' W 300 ft to a post and monument at the center of the East end of said claim; thence about S. 23° 48' W 300 feet to a post and monument, being at the South East corner of said claim; thence about N 52° 08' W 1180.0 feet to a post and monument at the South angle corner of said claim; thence N 65° 18' W 322.9 ft to a post and monument being at the South West Corner, of said claim; thence about N 23° 48' E 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 Iron Cap Mining Claim, located by Walter Thomas, L. C. Gonzales, J. B. Broaddus on the 8th day of January 1905, and recorded in Book 32 of Record of Mines, at page 315, 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.

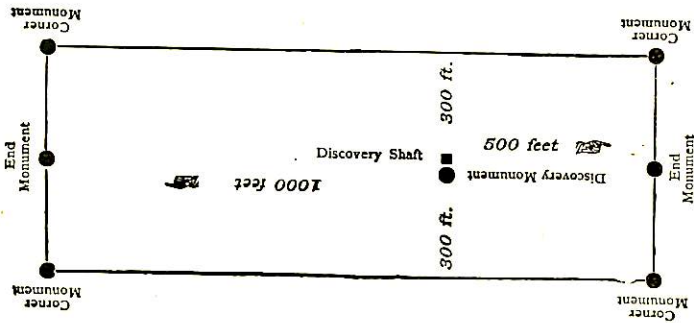
Dated and posted on the ground this 3rd day of July 1905

Walter Thomas
J. B. Broaddus
L. C. Gonzales

COMPARED

No. 9797

AMENDED
Notice of Location.
LODE CLAIM.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

TERRITORY OF ARIZONA,
County of COCHISE } ss

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I, Frankston

County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 7 o'clock A M., on this JUL 5 1905 day of July 1905, and duly recorded in Book No. 34 of Mining Records of COCHISE County, Arizona, at pages 322

WITNESS my hand and official seal the day and year first above written.

Frankston
County Recorder.

Dated 1905

Filed and recorded at the request of

E. W. Anthony

JUL 5 1905 A. D. 1905

at 7 A M.

Book 34 Records of Mining
Page 322

Frankston
County Recorder.

By Frankston
Deputy Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Iron Cap No 2 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 Walter Thomas, J. B. Brouddus, L. C. Gonzales

(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 25th day of May 1905

The length of this claim is Fifteen Hundred feet, and we claim Seven Hundred fifty feet, in a N. W. by direction and Seven Hundred fifty feet in a S. E. by direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Six Hundred 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 N. W. to the S. E.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 1/2 mile in a N. W. direction from Copper King of Arizona shaft

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

Stone monument

at a point in a southerly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the southerly end line of said claim; thence 300 feet to a Stake P, being the S. E. corner of said claim; thence 1500 feet to a stake, being at the N. E. corner of said claim; thence 300 feet to a stake at the center of the northerly end of said claim; thence 300 feet to a stake Q, being at the N. W. corner of said claim; thence 1500 feet to a stake at the S. W. corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes on 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.

Dated and posted on the ground this 25th day of May 1905

Walter Thomas,
J. B. Brouddus,
L. C. Gonzales.

Filed and recorded at request of C. M. Kenkel, Jun 3, 1905
at 9. a. m. Book 34, page 173, Record of Mines.
No. 110.—NOTICE OF LOCATION OF LODE CLAIM.—The H. H. McNeil Company's Red Line Blanks, Phoenix, Arizona.

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 Location Notice of the Iron Springs 2 Mining Claim, filed and recorded in my office on the 30th day of June, 1905, in Book 34, at page 173, 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 30th day of June, 1905.

Frank Hare
County Recorder.

Iron Cap et al

owned by R. A. Bretherton et al and situated in Warren Mining District, Cochise County, Arizona.

Affidavit of \$500 improvements.

Hereby certify that the value of the labor and improvements on this group placed thereon by the claimants or their grantors is not less than \$500 for each location thereof, and that said improvements consist of:

IRON CAP.

No.1	Discovery shaft 4x6x10 ft brs from N W E C location S 65° 36' E 220 ft Value,	100.00
No.2	Shaft 4x6x10 ft brs from S E E C location N 52° 8' W. 550 ft Value,	100.00
No.3	Open Cut 9x10x22 ft brs from S E E C H. 42° 74' W. 4 ⁹ / ₁₀ ft with tunnel 4x6x24 ft at face bearing N. 48° 32' W. Value	<u>300.00</u>
	Total	500.00

IRON CAP NO 2

No.1	Discovery shaft 4x6x10 ft brs from S E E C location N 48° 50' W 400 ft Value	400.00
No.2	Open Cut 10x10x22 ft brs from Cor. No 7 H. 32° 30' W. 134 ft with tunnel at face 4x6x21 ft brg S 20° 30' W Value	<u>400.00</u>
	Total	<u>500.00</u>

Total improvements on group \$1000.

Grausch W. Smith

Dated at Bisbee, Arizona,

December 11-1905

U S Deputy Mineral Surveyor

Affidavit of Five Hundred Dollars Improvements.

We, J. P. Severens and A. J. Balfourth

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

Iron Lake mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which

R. B. Brockett et al

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 for each location exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

J. P. Severens

A. J. Balfourth

TERRITORY OF ARIZONA,

COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 11th day

[SEAL.]

of December, 1905

Conrad Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona
My Commission Expires March 21, 1908.

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 or
improvements made by claimant or their grantors, upon ^{each of} the mining claim of
R.A. Bretherton et al

known as the Iron Cap and Iron Cap No. 2,
situate in Warren mining district,
Cochise County, Arizona,
in Section , Township No. , Range No. ;
that said improvements consist of 3 shafts, 2 cuts and 2 tunnels, total
value, \$1000.00

 , 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
Dec. 11, 1905, 18 , is hereto attached.

(Signed) Frank S. Ingalls,
U. S. Surveyor General for Arizona.

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

Dec. 15, 1905, 18

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

Oct. 6, 1905, 190

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 J.B. Broadbush et al

known as the Iron Cap and Iron Cap No. 2.

situate in Warren

Mining District, Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. unsurveyed, and

designated as Survey No. 2132, 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.

less than

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or their grantors, and that said improvements consist of On Iron Cap, 2 shafts, value \$200.00 : On Iron Cap No. 2, 1 shaft, value \$100.00

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.

Oct. 6, 1905., 190...

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..... J.B. Broaddus et al.....

....., known as the

Iron Cap and Iron Cap No.2.

situate in..... Warren..... Mining District,

Cochise..... County,..... Arizona.....

in Section..... ADPROX....., Township No..... 23 S....., Range No..... 24 E..... *unsurveyed*

....., designated as Survey No..... 2132.....

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

Surveyor,..... Aug. 11th to Aug. 16th....., 1905, under my instructions dated

..... July 11th....., 1905, 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(s) for

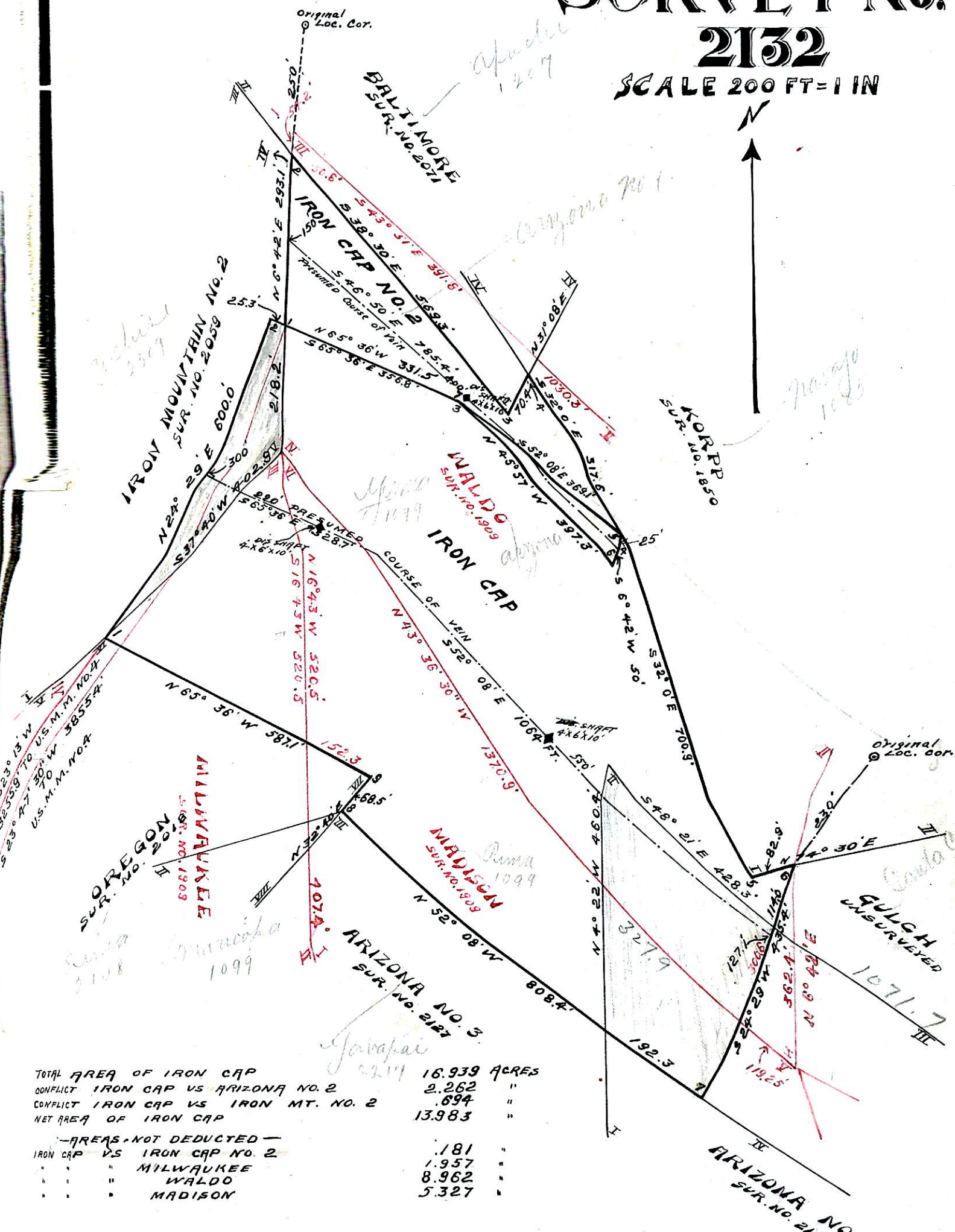
survey is included in the field notes.

Frank A. Lyall

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

SURVEY No. 2132

SCALE 200 FT = 1 IN



TOTAL AREA OF IRON CAP	16.939 ACRES
CONFLICT IRON CAP VS ARIZONA NO. 2	2.262 "
CONFLICT IRON CAP VS IRON MT. NO. 2	.894 "
NET AREA OF IRON CAP	13.983 "
-AREAS NOT DEDUCTED-	
IRON CAP VS IRON CAP NO. 2	.181 "
" " MILWAUKEE	1.957 "
" " WALDO	8.962 "
" " MADISON	5.327 "

TOTAL AREA OF IRON CAP NO. 2	2.012 ACRES
CONFLICT IRON CAP NO. 2 VS. IRON CAP	0.181 "
CONFLICT AREA NOT DEDUCTED	
IRON CAP NO. 2 VS. WALDO	2.012 "

John B. Francis
 U.S. Geol. & Min. Survey
 July 25, 1906.