

MS

02166

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DEC 7 - 1905

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Jan 11/06

(4-683.)

Mineral Survey No. 2166

Lot No. _____

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Lake Superior ^{3rd} Pittsburg Mining Co

J. M. O'Spinnell atty.

KNOWN AS THE

Eureka

Marion

Mining District.

Pochise

County,

Arizona

Section *approx*

Township

23 S

Range

24 E 4th N B M

Surveyed under instructions dated

Sept 19, 1905

by

Franklin W. Smith

U. S. Deputy Mineral Surveyor

Claim located

see location notice, 1

Survey commenced

October 25, 1905

Survey completed

October 25, 1905

*Last office address of claimants attorney
Bisbee Pochise County Arizona*

*The government check with accompanying
ledgers &
notes &
area &*

EUREKE
SURVEY NO 2166

Feet

Beginning at Cor.No.1, 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 1-2166 E L whence a pine post of same dimensions and scribed B. P. 1-2166 brs S. 79° 32' E. 25 ft and U S M M No.4 Warren Mining District br N. 13° 25' 30" E. *3386* ft.,

Thence S. 79° 32' E.

238.1 to Cor.No. 2 of Buckeye lode Survey No.1120 and Des *plain* lode survey No.1410

538.1 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 2-2166 E L, whence a pine post of same dimensions and scribed B. P. 2-2166 brs N. 79° 32' W. 25 ft.,

Thence S. 5° W.

5.9 to original location for W E C.,

10.9 same bearing to Cor.No.3, the SE cor identical with location and with Cor No.1 and 2 respectively of Minnesota lodes, survey No.1410 and with Annie lodes ^{Survey No} 1021, and situated on line 2-3 Des *plain* lode, Survey No.1410

S. 77° 28' E. 301.2 ft from Cor.No.2, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2166 E L whence a pine post of same dimensions and scribed B. P. 3-2166 brs N. ^{or} 79° 32' W. 25 ft.,

Thence N. 79° 32' W

266.9 to Cor. No.1 the ~~location~~ monument for W E C of Annie lode Survey No. 1021,

538.1 same bearing to Cor.No.4, the SW cor identical with location and with Cor No. 3 and 4 and 6 respectively of Buckeye lode Survey No.1120, Supplement lode, Survey No.1281 and Annie lode, Survey No.1021. a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2166 E L whence a pine post of same dimensions and scribed B. P. 4-2166 brs. S. 79° 32' E. 25 ft.,

Feet

and Cor. No. 2 Buckeye lode Survey No. 1120 brs S. 82° 10' ^E
237.3 ft.,

Thence N. 5° E.

5.0 to original location for W E C.,
10.9 same bearing to Cor. No. 1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is
from the W E C location N. 79° 32' W. 538.1 ft.

A R E A .

Total area Eureka lode,		0.134 ac
Less area in conflict with Buckeye lode, Survey No. 1120	0.030	
Less area in conflict with Des <i>plain</i> lode Survey No 1410	0.037	0.067
Net area Eureka lode;		0.067 ac.

IMPROVEMENTS.

I certify that the value of the labor and improvements
on this claim placed there^{on} by the claimant or its grantors
is as follows:

No. 1 Discovery shaft 4x6x10 ft brs from W E C location
S. 79° 32' E, 300 ft., Value, \$100.00

Note Complete affidavit of \$500 improvements will be filed
before the expiration of the period of publication.

ADJOINING CLAIMS.

North Buckeye lode Survey No. 1120, Calumet & Arizona Min Co owner
Des *plain* lode, Survey No. 1410 Copper Queen Cons Min Co owner
East Minnesota lode Survey No. 1410 same owner
South Annie lode, Survey No. 1021 Lake Superior & Pittsburg Min
Co owner.
West Supplement lode, Survey No. 1281 same owner

LOCATION.

This claim is located about 1500 ft in a S direction from the Oliver shaft of the Calumet & Arizona Min Co. on unsurveyed lands in Wagon Mining District Cochise County Arizona, in approximately T₂₃ S R 24 E G & P R B & N.

INSTRUMENT.

This survey was made with a C. I. Berger & Sons No. 1 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 300 ft steel tape. Magnetic variations 12° 30' E.

Franklin W. Smith

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

Oct. 10th 1905

Note

Any discrepancies between the courses and distances of this survey and those of the adjoining, approved conflicting surveys, is due to error in the latter.

Note.

After noting the discrepancies between this survey and former surveys, the posts were again fully identified, the distances carefully measured and the bearings determined by direct measurement and checked by triangulation. The following discrepancies between this survey and former surveys are reported.

Course from Cor. 4 of this survey to Cor. 2 of Buckeye lode Survey No. 1120 is S 82° 10' E **237.3** ft/ instead of S 82° 22' E 240. ft as reported in Survey No. 1120.

Course from Cor. 2 Desplain^{Lode} Survey No. 1410 to Cor. 3 of this survey is S 77° 28' E ^{301.2} ft instead of S 77° 44' E 302.4 ft as reported in Survey No. 1410.

Course from Cor. 3 of this survey to Cor. 1

Note Annie lode Survey No. 1021 is N 79° 32' W 266.9 ft, instead of N 78° 52' W 266.2 ft.

Course from Cor. 1 of Annie lode Survey No. 1021 to Cor. 4 of this survey is N 79° 32' W 271.2 ft instead of N 78° 52' W 274.3 ft. as reported in Survey of Annie lode Survey No. 1021.

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.....

Lake Superior and Pittsburg Mining Co.

known as the Eureka

and showing the respective capacities in which they acted.

- J. S. Severens Chainman.
- A. J. Ziesemer Chainman.
- Arman.
- Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. S. Severens

and A. J. Ziesemer, 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.....

Lake Superior and Pittsburg Mining Co.

known as the Eureka

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

- J. S. Severens Chainman.
- A. J. Ziesemer Chainman.
- Arman.
- Flagman.

Subscribed and sworn to by the above-named persons before me this 10th

day of October, 1905.

Corra E. Smith

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 Sept 17 - 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 Lake Superior ^{and} Pittsburg Mining Co., known as the Eureka, situate in Warren Mining District, Yochise County, Arizona, in Section about, Township No. 238, Range No. 24 E 9th N. R. 13th W, and designated as Survey No. 2166, 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 its 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 Sora E. Smith
this 10th
day of October 1905

Cora E. Smith

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Eureka 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 Sam'l Mercer

a citizen of the U.S.
(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 31 day of August 1903

The length of this claim is 600 feet,
and 1 claim 300 feet,
in a westerly direction and 300
feet in a n easterly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 20 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 1 mile
in a southeasterly direction from the P.O. of Bisbee and is
bounded on N by Buckeye and Desplain, on E by Desplain, on S. by
Annie, on W by Buckeye

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

at a point in a n easterly direction 300 feet from
the discovery shaft (at which this notice is posted), being in the center of the E
end line of said claim; thence northerly 20 feet to a monument
being the N.E. corner of said claim; thence
westerly 500 feet to a monument being at the

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 Eureka Mining Claim, filed and recorded in my office on the 27 day of October, 1903, in Book 29 at page 252, 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 2nd day of September, A.D. 1905.

Frank Hare
County Recorder.

Filed and recorded at request of Sam'l Mercer,
Book 29, page 253, Record of Mines

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Eureka
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 Sam'l Mercer

a citizen of the U.S.
(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 31 day of August 1903

The length of this claim is 600 feet,
and I claim 300 feet,
in a westerly direction and 300
feet in a n easterly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 20 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 1 mile
in a southeasterly direction from the P.O. of Bisbee and is
bounded on N by Buckeye and Desplain, on E by Desplain, on S. by
Annie, on W by Buckeye

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

at a point in a n easterly direction 300 feet from
the discovery shaft (at which this notice is posted), being in the center of the E
end line of said claim; thence northerly 20 feet to a monument
, being the N.E corner of said claim; thence
westerly 600 feet to a monument, being at the
N.W. corner of said claim; thence Southerly 20 feet
to a monument at the center of the W end of said claim;
thence southerly 20 feet to a post, being at the
S.W. corner of said claim; thence easterly 600
feet to a post at the S.E? corner of said claim;
thence northerly 20 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 31st day of August 1903

John Corning Witness Sam'l Mercer.

Filed and recorded at request of Franklin W. Smith Oct. 27 1903 at
9 A. M. Book 29, page 252, Record of Mines.

TERRITORY OF ARIZONA,
 County of..... } ss.

I,..... 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 official seal the day and year first above written.

4.

County Recorder.

Notice of Location

LODE CLAIM

Eureka

L & P.

Dated..... 190.....

Filed and Recorded at request of

A. D. 190.....

at..... M.

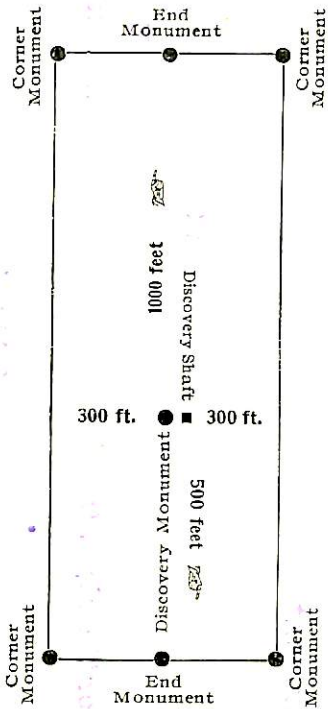
Book

Pages.....

County Recorder.

By

Deputy Recorder.



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.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

Jan. 24, 1906

I, U. S. Surveyor-General for the District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of the Lake Superior and Pittsburg Mining Co.,

known as the Eureka, situate in Warren

Mining District, Cochise County, Arizona.

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

designated as Survey No. 2166, 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 mining claim by claimant or its grantors, and that said improvements consist of at time of survey, 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 A. Dugall

United States Surveyor-General for District of Arizona.

(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

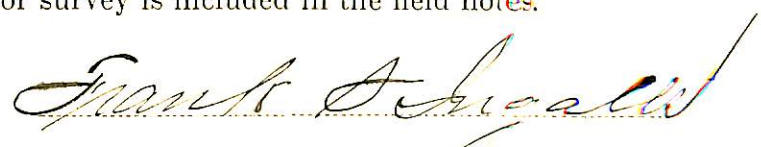
Department of the Interior,

Office of U. S. Surveyor General,

Phoenix, Arizona.

Jan. 24th, 1906, 18

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 the Lake Superior and Pittsburg Mining Co., known as the Eureka, situate in Warren mining district, Cochise County, Territory of Arizona, in Section approx., Township No. 23 S., Range No. 24 E., G. & S. R. B. & M., designated as Survey No. 2166, executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, October 25, 1905, 18, under my instructions dated September 19, 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 applicant for survey is included in the field notes.



U. S. Surveyor General for District of Arizona.

Eureka Lode

situated in Warren Mining District, Cochise County, Territory of Arizona, and owned by the Lake Superior & Pittsburg Mining Company:

AFFIDAVIT OF \$500.00

I hereby certify that the value of the labor and improvements on this claim placed thereon by the claimant or its grantors is not less than \$500.00 and that said improvements were placed on said claim before the 15th day of April, 1906, and prior to the expiration of the period of publication of the application for patent and that said improvements are as follows:

No. 1	Discovery shaft 4 x 6 x 10 feet deep brs from W E C location S 77° 32' E 300 ft value	100.00
No. 2	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 4 S 80° 20' E 256 ft value	100.00
No. 3	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 4 S 80° 20' E 279.5 ft value	100.00
No. 4	An undivided interest in 20 ft of drifting from the Cole Shaft of the Lake Superior & Pittsburg Mining Company at \$20 per ft	<u>400.00</u>
	Total Improvements	\$ 700.00

NOTE

The Cole shaft of the Lake Superior & Pittsburg Mining Company is situated on the Atlas claim of Survey No 1393. A drift on the 1000 ft level of the Cole shaft passes directly underneath this survey for a distance of 20 ft entering the Eureka claim at N 79° 32' W 200.1 ft from Cor. No. 4 and leaving the claim at S 79° 32' E 225.2 ft from Cor. No. 1. The drift is 5 x 7 ft in the clear and well timbered.

Franklin Smith
U. S. Dep. Mineral Surveyor.

Dated at Bisbee, Ariz.,

April 16-1906.

Affidavit of Five Hundred Dollars Improvements.

We, J. P. Chiado and Harry Locke

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

Eureka mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which the Lake

Superior & Pittsburg Mining Co. by J. M. O'Connell attorney

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

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

in said mine.

J. P. Chiado
Harry Locke

TERRITORY OF ARIZONA,

COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 17th day

[SEAL.]

of April, 1906.

Chas. Beebe

NOTARY PUBLIC

In and for the County of Cochise, Territory of Arizona.
My Commission Expires March 12, 1910.

(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 or
improvements made by claimant or.....its.....grantors, upon the mining claim of
.....Lake Superior & Pittsburg Mining Company.....

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

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

that said improvements consist of.....3 shafts and an undivided interest
amounting to 20 ft. of a drift from Cole Shaft, value \$400.,
total value of 3 shafts and drift \$700.00.....

....., 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
.....April 16, 1906....., 18 , is hereto attached.

Frank A. Ingalls

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

Office of U. S. Surveyor General,

Phoenix, Arizona,.....

April 20, 1906....., 1 :

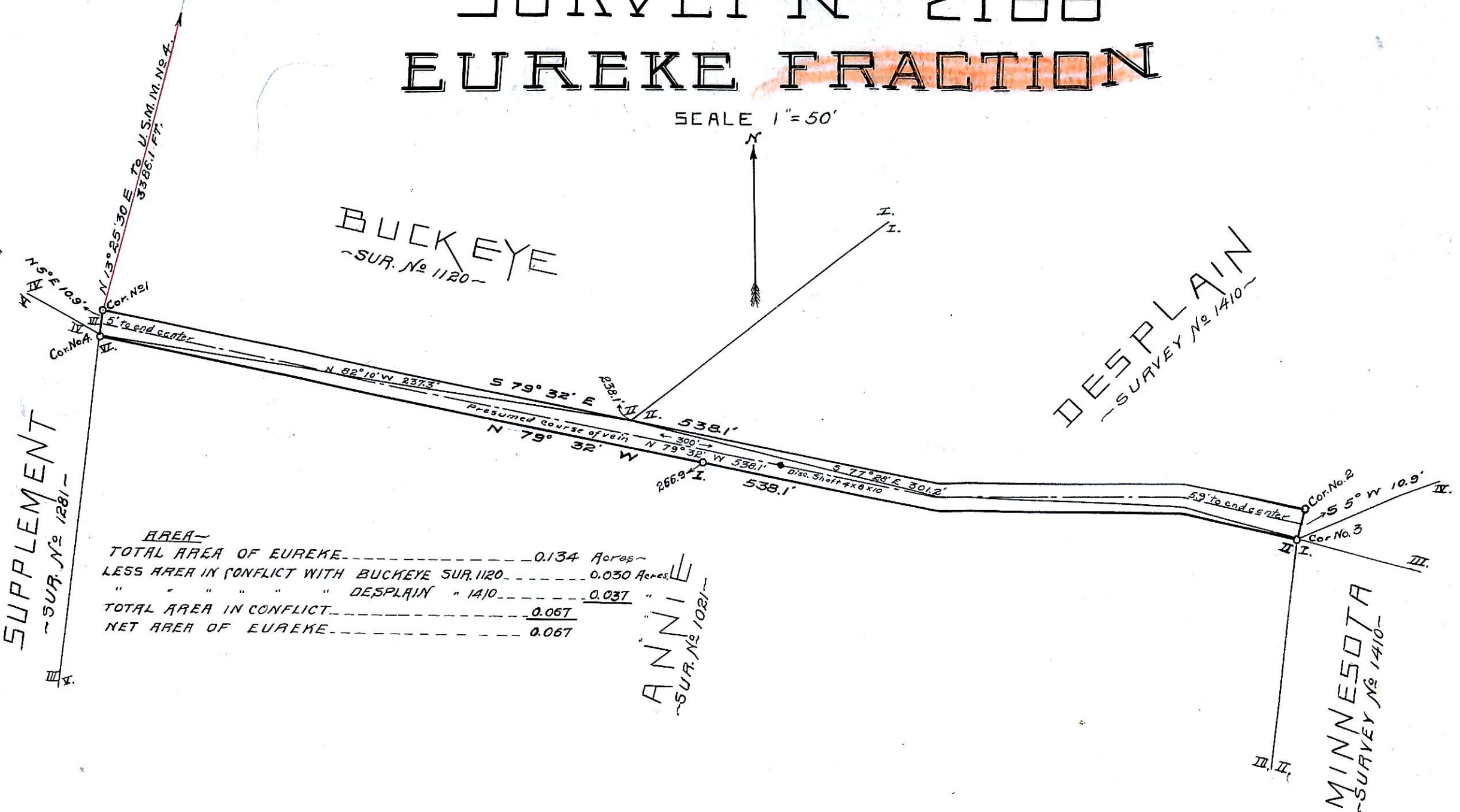
SURVEY N° 2166 EUREKE FRACTION

SCALE 1"=50'



BUCKEYE
-SUR. N° 1120-

DESPLAIN
-SURVEY N° 1410-



SUPPLEMENT
-SUR. N° 1281-

AREA-	
TOTAL AREA OF EUREKE	0.134 Acres
LESS AREA IN CONFLICT WITH BUCKEYE SUR. 1120	0.030 Acres
" " " " DESPLAIN " 1410	0.037 "
TOTAL AREA IN CONFLICT	0.067
NET AREA OF EUREKE	0.067

ANNIE
-SUR. N° 1021-

MINNESOTA
-SURVEY N° 1410-