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(4-683.)

Mineral Survey No. 2316

Lot No. _____

~~H. S. Fraction Mining Claim~~
Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Tom Doyle

KNOWN AS THE

H. S. Fraction
Globe Mining District.

Gila County, Arizona

Section 24 & 25, Township 17N, Range 15E G & D R B & M

Surveyed under instructions dated August 18th, 1906.

by Robert R Boyd,
U. S. Deputy Mineral Surveyor

Claim located per location notices, 1

Survey commenced November 6th, 1906.

Survey completed November 6th, 1906.

6-173

Post Office address of claimants atty:
Seth E Hazard, Bisbee, Arizona

Feet

H. S. Fraction Lode Mining Claim .

- Beginning at cor No. 1, the S E cor, identical with location, a pine post 4 ft long, 4 in square, set 18 in. in the ground in a mound of stone and scribed 1-2316-H S F L, whence
 S 1/4 cor Sec 24 T 1 N, R 15 E, G & S R B & M, bears S 0° 30' E 289.9 ft. and a Limestone Cropping 2 ft square and 2 ft above the surface of the ground, chiseled X-2316- B R, bears N 49° 30' W 21.0 ft.
- Thence S 70° 27' W
- 718.2 to the intersection of line 1-2, Baltimore Lode,
 Survey No. 2329, at S 10° 41' W 473.2 ft from cor No. 2
 873.5 same bearing to the intersection of the South line of
 Sec 24 T 1 N, R 15 E, at S 89° 51' W 825.0 ft from the
 S 1/4 cor and N 89° 51' E 1797.5 ft from the S W cor.
 1286.0 same bearing to the intersection of grade of Arizona
 Commercial Railroad,
 1391.2 same bearing to the intersection of the ^{west} end line of
 the Clinton Lode unsurveyed, and the East Side Line of Castle Hill
 Lode, unsurveyed from which point of intersection a cor of the
 Castle Hill Lode unsurveyed, identical with the N E cor
 of North Globe Townsite, bears N 1' W 172.2 ft.
 1445.0 same bearing to a Witness Corner for cor No. 2, a pine
 post 4 ft long 4 in square set 18 in. in the ground in
 a mound of stone and scribed W C 2-2316-H S F L,
 1495.0 same bearing to cor No. 2, the S W cor, identical with
 location, being an Iron Spike 3/4 in. in diameter and
 3 ft long, driven in the center of the grade of the
 Arizona Commercial Railroad,
- Thence N 11° 40' W
- 18.4 to a Witness Corner for cor No. 2, a pine post 4 ft long
 4 in square, set 18 in. in the ground in a mound of
 stone and scribed WC 2-2316-H S F L,
 210.9 same bearing to a cor of Castle Hill Lode unsurveyed,
 being at the point of intersection of the North line
 of Sec 25, T 1 N, R 15 E, S 89° 51' W 1454.0 ft from
 the N 1/4 cor and N 89° 51' E 1169.5 ft from the N W cor
 and the N E cor of North Globe Townsite, identical with
 a cor of the Castle Hill Lode unsurveyed, bears N
 89° 51' E 140.4 ft.
 283.4 same bearing to original location for W E C,
 583.4 same bearing to cor No. 3, the N W cor, identical with
 location and with the S W cor of Mule Shoe Lode unsurveyed,
 a pine post 4 ft long, 4 in square, set 18 in.
 in the ground in a mound of stone and scribed
 3-2316-H S F L, whence a
 Cropping of Quartzite 1 ft x 2 ft and 6 in. above the
 surface of the ground, scribed X-2316-B R, bears N 45°
 W 16.7 ft and a
 Quartzite Cropping 1 ft x 3 ft and 12 in. above the
 surface of the ground, chiseled X-2316-B R, bears S 53°
 15' E 14.8 ft.
- Thence N 70° 27' E
- 1495.0 to cor No. 4, the N E cor, identical with location,
 and with the SE, S W and Cor No. 2, respectively of the
 Mule Shoe and Fraction Lodes unsurveyed, and Tiger Lode
 Survey No. 2327, a pine post 4 ft long, 4 in. square,
 set 18 in. in the ground in a mound of stone and scribed
 4-2316-H S F L, whence a
 Limestone Cropping 1 ft square and 6 in. above the sur-
 face of the ground, chiseled X-2316-B R, bears N 69° 29'
 E 26.3 ft, and a
 Cropping of Dacite 4 ft x 3 ft and 18 in above the
 surface of the ground, chiseled X²³¹⁶-B R, bears S 3° 14' E
 24.8 ft. and a
 Lime Ledge 1 ft x 1 1/2 ft and 6 in. above the surface
 of the ground, chiseled X²³¹⁶-B R, bears S 76° 46' W 17.1 ft

Feet

257.5 Thence S 11° 40' E
 to the intersection of line 2-3 Baltimore Lode, Survey
 No. 2329 at N 79° 46' E 531.6 ft from Cor No. 2
 300.0 same bearing to original location for E E C
 332.5 same bearing to cor No. 1 Tiger Lode Survey No. 2327,
 583.4 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 of location N 70° 27' E 1495.0 feet.

	AREA	acres	acres
Total Area H. S. Fraction Lode		19.834 ✓	
Less Area in conflict with Baltimore Lode, Survey No. 2329		5.358 ✓	
Less Area in conflict with Castle Hill Lode unsurveyed	0.526 ✓		
Total area in conflict		5.884	
Net area H. S. Fraction Lode			13.950 ✓

IMPROVEMENTS

I certify that the value of the labor and improvements
 on this claim, placed thereon by the claimant or his
 grantors, is as follows:

No. 1 Discovery Open Cut 4 x 10 x 15 ft, center of the
 mouth of which bears from the W E C of location
 on Ledge N 70° 27' E 450.0 ft.

	Value	\$50.00
Note	Complete affidavit of \$500.00 improvements for this claim will be furnished prior to the expiration of the publication <i>of the application for patent.</i>	

ADJOINING CLAIMS

North	Mule Shoe Lode, unsurveyed, Tom Doyle and Barney Rice, owners,
	Fraction Lode, unsurveyed, Tom Doyle, owner,
East	Tiger Lode, survey No. 2327, Joseph Faull, owner,
South	Baltimore Lode, Survey No. 2329, H. C. Bates, owner, Clinton Lode, unsurveyed, Globe Consolidated Copper Company, owner,
West	Castle Hill Lode, unsurveyed, Barney Rice, owner, <i>North-Globe Tourists</i>

LOCATION

This claim is located in the Globe Mining District, Gila
 County, Arizona, in Sections 24 and 25, T 1 N, R 15 E,
 G & S R B & M, about half a mile in a northeasterly
 direction from the main business section of Globe.

INSTRUMENT

This survey was made with a C. L. Berger & Sons No. 5194
 Complete Mining Transit. The courses were deflected
 from the true meridian, determined by direct Solar obser-
 vation, checked by an observation on Polaris. Distances
 were measured with a 300 ft. steel tape. Magnetic
 variation 13° 35' E at all corners.

Robert R. Boyd
 U. S. Deputy Mineral Surveyor

Dated at Globe, Arizona,
 30th November, 1906.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Robert R. Boyd

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

Tom Doyle

known as the H. S. Traction

and showing the respective capacities in which they acted.

E. E. Barker, Chainman.

K. H. Pearson, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. E. Barker

and K. H. Pearson, do solemnly swear that we assisted Robert R

Boyd, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Tom Doyle

known as the H. S. Traction

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

E. E. Barker, Chainman.

K. H. Pearson, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 30th

day of November, 1906

Notary Public expires January 13, 1910

A. G. Dodge

Notary Public in and for the
County of Gila, Territory of
Arizona.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Robert R Boyd, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug 18, 1906, 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 Tom Doyle, known as the H. S. Fraction, situate in Globe Mining District, Gila County, Arizona, in Section s 24 & 25, Township No. 1 N, Range No. 15 E G + S R B + M and designated as Survey No. 2316, 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 his 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, and complete affidavit of \$5000 improvements will be furnished prior to the expiration of period of publication

Robert R. Boyd
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Robert R. Boyd,
U. S. Deputy Mineral Surveyor, before me Rose Mc Grath
a Notary Public this 1st
day of December 1906.

Rose Mc Grath
Notary Public

My commission expires March 5, 1910
• 6-154

Amended
NOTICE OF MINING LOCATION.
Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the H.S. Fraction 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 Tom Doyle, a citizen of the United States, the undersigned, on the 5th day of July 1906.

The length of this claim is 1500 feet, and I claim 450 feet in a westerly direction and 1050 feet in an 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.

This claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 300 yards in a northerly direction from the north-east corner of Globe Townsite. The westerly end of this claim adjoins the east side line of the Castell Hill, and the east end overlaps the Baltimore about 700 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at ~~this point~~ a monument of stone at a point in a westerly direction 450 feet from the discovery shaft (at which this notice is posted) being in the center of the south-west end line of said claim; thence 300 feet in a northerly direction to a post or monument, being the north-west corner of said claim; thence easterly 1500 feet to a post or monument, being at the north-east corner of said claim; thence southerly 300 feet to a post or monument at the center of the easterly end of said claim; thence southerly 300 feet to a post or monument, being at the south-east corner of said claim; thence westerly 1500 feet to a post or monument at the southwest corner of said claim; thence ~~northerly~~ northerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII,

7

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 H.S. Fraction Mining Claim, located by Tom Doyle on the 15th day of October, 1903, and recorded in Book 9, Records of Mines, at page 183, in the office of the County Recorder of the aforesaid County of Gila 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 5th day of July, 1906

Tom Doyle

Witness

R.R. Boyd

H. S. Frachon

Indexed

TERRITORY OF ARIZONA, } ss.
County of Oih,

I, W. D. FLEMING, County Recorder
do hereby certify that the within
instrument of writing was filed at

the request of

J. Morgan Clements

of the County of Gekig

A. D. 1916 at 35 minutes past 9

o'clock A. M. and duly recorded at
Page 348, Book 8, Records

of Munes

City County, Arizona Territory.

W. D. FLEMING

County Recorder

By Richard Fleming
Deputy Recorder

Compared

M. G. 16

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 19, 1907.

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 Tom Doyle,

known as the H. S. Fraction, situate in Globe

Mining District, Gila County, Arizona, in Section 24 & 25, Township No. 1 N., Range No. 15 E., G. & S. R. R., and designated as Survey No. 2316,

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 less than five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of at time of survey, 1 cut, valued at \$50.00

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.

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,

January 19, 1907.

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 Tom Doyle,

known as the

H. S. Fraction,

situate in Globe Mining District,

Gila County, Arizona,

in Section 24 & 25, Township No. 1 N., Range No. 15 E., G. & S. R.

B. & M., designated as Survey No. 2316

executed by Robert R. Boyd, U. S. Deputy Mineral

Surveyor, November 6th, 1906, under my instructions dated

August 13, 1906, 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. Small

U. S. Surveyor-General for Arizona

SURVEY NO. 2316

H. S. FRACTION LODE MINING CLAIM

IMPROVEMENTS

I certify that the value of labor and improvements on this claim, placed thereon by the claimant or his grantors, exceeds \$500.00 and said improvements consist of the following:

No. 1 Discovery Cut 4 x 10 x 15 ft., the center of the mouth of which bears from W E C of location on Ledge N 70° 27' E 450.0 ft.	Value	\$ 50 00
No. 2 Open Cut 4 x 10 x 15 ft, leading to a Tunnel 4 x 6 x 75 ft in a N 23° E direction, the center of the mouth of Open Cut bears from W.E.C. of location S 79° 45' E 410.0 ft.	Value	525 00
No. 3 Open Cut 5 x 10 x 14 ft, leading to a Tunnel 5 x 6 1/2 x 40 ft, in a N 70° E direction, the center of the mouth of Open Cut bears from the W E C of location N 62° 10' E 452.0 ft.	Value	<u>370.00</u>
Total value of improvements on and for the H. S. Fraction Lode Mining Claim		<u>\$945 00</u>

Dated at Globe, Arizona,
15th January, 1907.

Robert R. Boyd
U. S. Deputy Mineral Surveyor

Affidavit of Five Hundred Dollars Improvements.

We, Edgar E. Barker, and H. H. Pearson

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the H. S. Fraction mining claim, situate in Globe Mining district, Gila County, Arizona Territory, for which Tom Doyle

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~~ ~~grantor~~ exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Edgar E. Barker
H. H. Pearson

TERRITORY OF ARIZONA, }
County of Gila } ss:



Sworn to and subscribed before me, this 15th day of January, 1907

My commission expires January 13th, 1910

G. F. Dodge
Notary Public in and for the County of Gila, Territory of Arizona.

(4-691.)

Certificate of U. S. Surveyor General

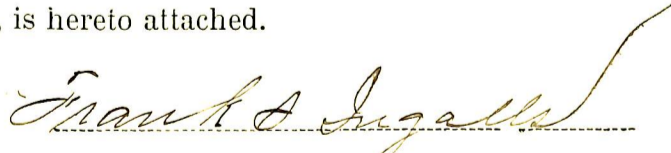
AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or his grantors, upon the mining claim of
Tom Doyle

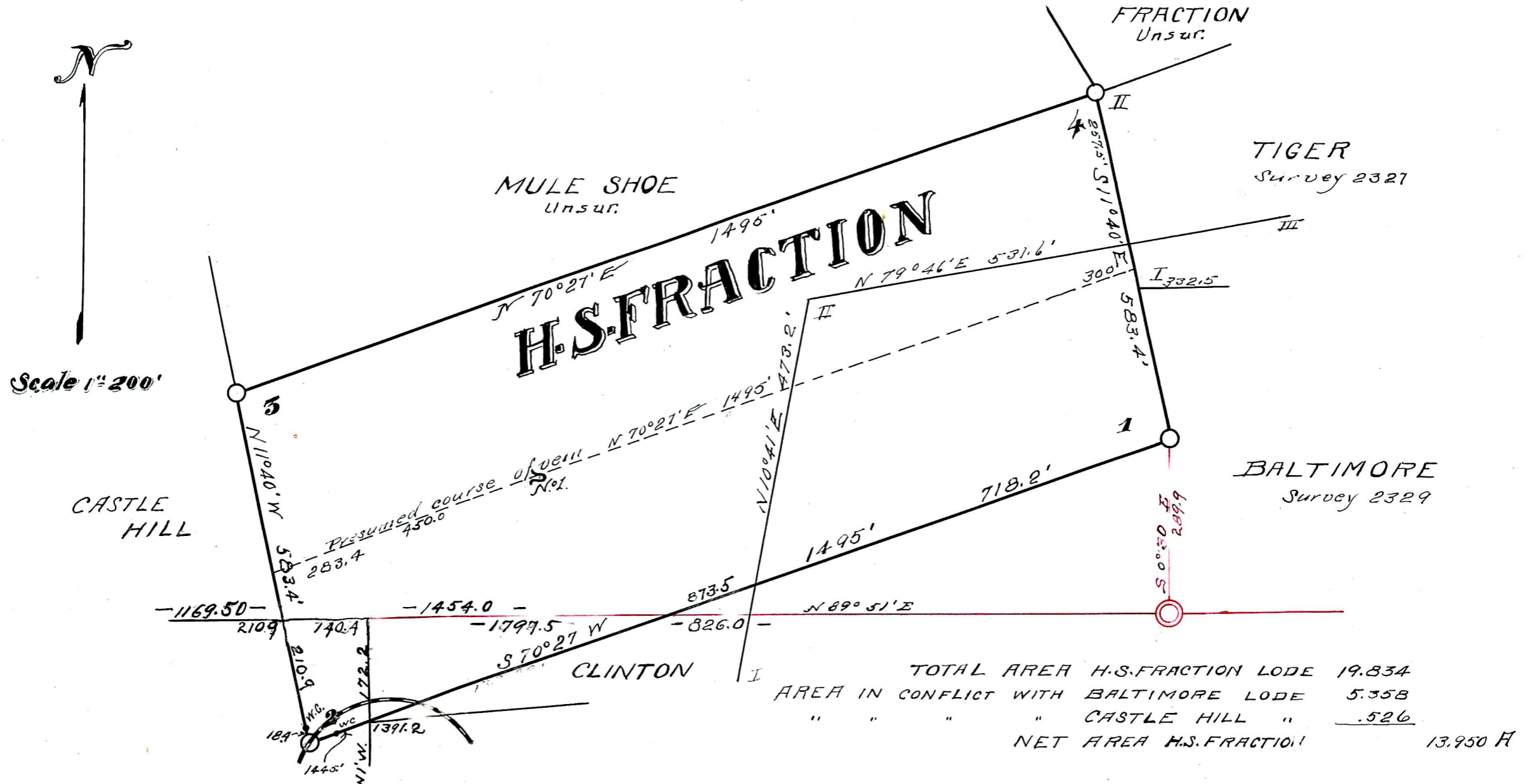
known as the H. S. Fraction,
situate in Globe mining district,
Gila County, Arizona,
in Section _____, Township No. _____, Range No. _____;
that said improvements consist of 3 cuts and 2 tunnels, valued at \$945.00

_____, 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
Robert R. Boyd, U. S. Deputy Mineral Surveyor, dated
January 15, 1907, is hereto attached.


U. S. Surveyor General for Arizona

Office of U. S. Surveyor General,
Phoenix, Arizona,
January 22, 1907., 1

SURVEY NO 2316



TOTAL AREA H.S. FRACTION LODE	19.834
AREA IN CONFLICT WITH BALTIMORE LODE	5.358
" " " " CASTLE HILL "	.526
NET AREA H.S. FRACTION	13.950 A