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W.S.I., 2/27/07.

DEC 14 1905
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(4-683.)

Mineral Survey No. 2334

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Tom Doyle and Barney Rice

KNOWN AS THE

Mule Shoe
Globe

_____ Mining District.

Gila County, Arizona

Section 24, Township 17N, Range 18E G & D R B & M

Surveyed under instructions dated August 23rd 1906

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

Claim located see notice . 1

Survey commenced November 15th . 1906

Survey completed November 16th . 1906

Post office address of claimants atty.
Seth E. Hazard
Bisbee Arizona

*File
Edge
over
Area*

FEET

SURVEY NO. 2334.

MULE SHOE LODE MINING CLAIM.

Beginning at cor No. 1, the S E cor., identical with location, with the S. W. Cor, Cor. No. 2 and Cor. No. 4, respectively of Fraction Lode unsurveyed, Tiger Lode, Survey No. 2327, and H. S. Fraction Lode, Survey No. 2316, a pine post 4 ft long, 4 ins. square, set 18 ins. in the ground in a mound of stone, and scribed 1- 2334-M S L, whence a

Limestone Cropping 1 ft square and 6 ins. above the surface of the ground, chiseled X-B R-2334, bears N 69° 29' E 26.3 feet, and a

Cropping of Dacite 4 ft x 3 ft x 18 ins. above the surface of the ground, chiseled X-B R-2334, bears S 3° 14' E 24.8 feet, and a

Lime Ledge 1 ft x 1 1/2 ft x 6 ins. above the surface of the ground, chiseled X-B R-2334, bears S 76° 46' W 17.1 feet, and the

S 1/4 cor Sec. 24, Twp. 1 N, R 15 E, G & S R B & M, bears S 7° 59' E 870.3 feet.

1495.0 Thence S 70° 27' W to cor No. 2, the S W cor, identical with location and with cor No. 3 H. S. Fraction Lode Survey No. 2316, and situated on top of ridge back of smelter of the Old Dominion Copper Mining & Smelting Company, a pine post 4 ft long and 4 ins. square, set 18 ins. in the ground ^{of stone} in a mound, and scribed 2-2334-M S L, whence Cropping of Quartzite 1 ft x 2 ft x 6 ins. above the surface of the ground, chiseled X-B R-2334, bears N 45° W 16.7 ft., and a Cropping of Quartzite 1 ft x 3 ft x 6 ins. above the surface of the ground, chiseled X-B R-2334, bears S 52° 15' E 14.8 ft.

293.0 Thence N 11° 40' W to original location for W E C,
400.0 same bearing to the intersection of the center line of the Railroad Spur of the Old Dominion Copper Mining & Smelting Company, leading in a general southwesterly direction to coke yards,

431.6 same bearing to the N E cor of Castle Hill Lode unsurveyed, situated on line 1-4 Copper Road Lode Survey No. 2209 A, at S 55° 09' W 288.7 feet from cor No. 4, whence the South Side of the Stack of the Old Dominion smelter bears S 55° 13' W. This corner is situated on bank between railroad tracks.

568.45 same bearing along railroad track to ore bin, running in a general southwesterly direction, as indicated on the map, to cor No. 3, ^{identical with location} an iron spike 3/4 ins. in diameter and 3 ft long, driven in the railroad grade 0.4 ft. outside of the inside rail of the curve, whence the South Side of the Stack of the Old Dominion smelter bears S 49° 56' W,

16.0 Thence N 69° 06' E to witness corner for cor No. 3, a pine post 4 ft long, 4 ins. square, set 18 ins. in the ground, and scribed W C - 3 - 2334 - M S L,

200.7 same bearing to the southwest corner of Even Up Lode unsurveyed,

240.43 same bearing to the intersection of line 3-4 Copper Road Lode Survey No. 2209 at N 36° W 68.1 feet from cor No. 4,

1500.5 same bearing to cor No. 4, the N E cor, identical with location and situated on the South side line of Even Up Lode unsurveyed, a pine post 4 ft long, 4 ins. square, set 18 ins. in the ground in a mound of stone, and scribed 4-2334-M S L, whence a Limestone Cropping 2 ft x 2 ft and level with the surface of the ground, chiseled X-B R-2334, bears S 85° 35' W 12.6 feet.

303.0 Thence S 11° 40' E
 606.0 to the original location for the E E C,
 same bearing to cor. No. 1, the place of the beginning.

LEDGE

The presumed course of the vein on this claim is from
 the W E C of location N 70° 04' E 1496.4 feet.

AREA

Total and net area of the Mule Shoe Lode 19.965 acres.
 Area in conflict with the Copper Road Lode Survey No.
 2209 A, which is 0.598 acres not excluded.

IMPROVEMENTS

I certify that the value of the labor and improvements
 on this claim, placed thereon by the claimants or their
 grantors is not less than \$500. and that said
 improvements consist of the following:

No. 1	Discovery Tunnel 4 x 6 x 60 ft, course S 21° E, cutting the Ledge at the face, the center of the mouth of the Tunnel bears from Cor. No. 2 N. 43° 45' E 798.0 ft.	Value	\$300.00
No. 2	Tunnel 4 x 6 x 34 ft, course S 15° W, the center of the mouth of which bears from cor. No. 2 N 36° 12' E 664.0 ft,	Value	170.00
No. 3	Shaft 4 x 6 x 20 ft, the south cor of which bears from Cor. No. 2 N 19° 40' E 476.0 ft.	Value	200.00
No. 4	Tunnel 4 x 6 x 50 ft, course S 55° E the center of the mouth of which bears from W E C of location N 23° E 56.0 ft.	Value	250.00
Total value of improvements			<u>\$920.00</u>

ADJOINING CLAIMS

North Even Up Lode unsurveyed, Tom Doyle owner,
 Copper Road Lode, survey No. 2209 A, Old Dominion Cop-
 per Mining & Smelting Company owner,
 West Copper Road Lode, survey No. 2209 A, Old Dominion Cop-
 per Mining & Smelting Company owner,
 Castle Hill Lode unsurveyed, Barney Rice owner,
 South H. S. Fraction Lode, survey No. 2316, Tom Doyle owner,
 Tiger Lode Survey No. 2327, Joseph Faull owner,
 East Fraction Lode unsurveyed, Tom Doyle owner.

LOCATION

This claim is located in Township 1 North, Range 15
 East, G & S R B & M, Section 24, in the Globe Mining
 District, Gila County, Arizona, about 1000 ft. in a
 general easterly direction from the smelter of the Old
 Dominion Copper Mining & Smelting Company.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No. 5194
 complete mining transit. The courses were deflected
 from the true meridian, as determined by direct Solar
 observation, 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,
 3rd December, 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 and Barney Rice
Mule Shoe

known as the

and showing the respective capacities in which they acted.

E. E. Barker, Chainman.

H. H. Pearson, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. E. Barker

and H. 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 and Barney Rice

known as the Mule Shoe

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.

H. H. Pearson, Chainman.

....., Axman.

....., Flagman.

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

day of November, 1906

My commission expires January 13, 1910

G. F. 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 August 23rd, 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 and Barney Rice, known as the Mule Shoe, situate in Globe Mining District, Gila County, Arizona, in Section 24, Township No. 17N, Range No. 10E G. & A. R. B & M, and designated as Survey No. 2334, 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 them 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.

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,
this 3rd
day of December, 1906.

Rose M. Grath
Notary Public

My commission expires March 5, 1910

Affidavit of Five Hundred Dollars Improvements.

We, E. 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 Mule Shoe mining claim, situate in Globe Mining district, Gila County, Arizona Territory, for which Tom Doyle and Barney Rice

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.

E. E. Barker
H. H. Pearson

TERRITORY OF ARIZONA, }
County of Gila } ss:

Sworn to and subscribed before me, this 1st day of December, 1906



Rose M. Galt

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Mule Shoe 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 purpose of exploration and purchase by Tom Doyle and Barney Rice

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 7th day of August 1906

The length of this claim is 1500 feet,
and 900 claim feet feet,
in a North direction and Eight Hundred
(800) feet in a East direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with Three Hundred (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 Globe Mining District, in
Gila County, in the Territory of Arizona, about 1500 feet
in a North East direction from the North East
corner of the University of Globe and is bounded
on the North by the Edna Up Mining Claim
and on the South by the H.S. Frasier Mining Claim

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

at a point in a West direction 700 feet from
the discovery shaft (at which this notice is posted,) being in the center of the West
end line of said claim; thence North 300 feet to a post and
monument, being the North West corner of said claim; thence
East 1500 feet to a post and monument, being at the
North East corner of said claim; thence South 300 feet
to a post and monument at the center of the East end of said claim;
thence South 300 feet to a post and monument, being at the
South East corner of said claim; thence West 1500
feet to a post and monument at the South West corner of said claim;
thence North 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 Mule Shoe Mining Claim, located by B. Rice and Tom Doyle

on the 4th day of
April 1889, and recorded in Book 3 of Records of Mines, at
page 351, 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 8th day of August 1906

Witness:
E. W. Armstrong

Tom Doyle
Barney Rice

TERRITORY OF ARIZONA, }
County of Gila } ss.

I, W. D. Fisk, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of
Amended notice of Mining Location of "Mule Shoe" Lode Claim
as the same appears of record in my office in Book 12 Records of Mines
at page 200; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office, this 16th day of August

A. D. 1906 .

W. D. Fisk

County Recorder, Gila County, A. T.

By Richard Fleming Deputy

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

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.

.....
County Recorder.

2391

AMENDED
Notice of Location.

LODE CLAIM.
Melvin Shaw

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

Filed and Recorded at Request of.....

.....A. D. 190.....

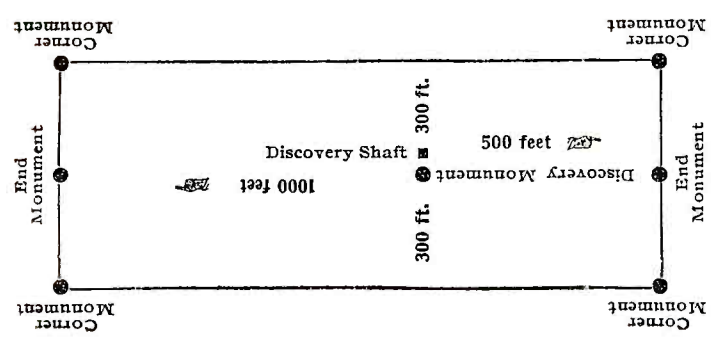
at.....M.

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,

April 3, 1907

I, U. S. Surveyor-General for 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 Tom Doyle & Barney Rice

known as the Mule Shoe situate in Globe

Mining District, Gila County, Arizona

in Section 24, Township No. 1 N., Range No. 15 E., and

designated as Survey No. 3334, 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 their grantors, and that said improvements consist of 3 tunnels and 1 shaft, valued at \$920.00

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,

April 3, 1907.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Tom Doyle & Barney Rice

known as the Mule Shoe

situate in Globe Mining District, Gila County, Arizona

in Section 24, Township No. 1 N., Range No. 15 E., designated as Survey No. 2554

executed by Robert R. Boyd, U. S. Deputy Mineral Surveyor, November 15-16, 1906, under my instructions dated August 23, 1906, 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.

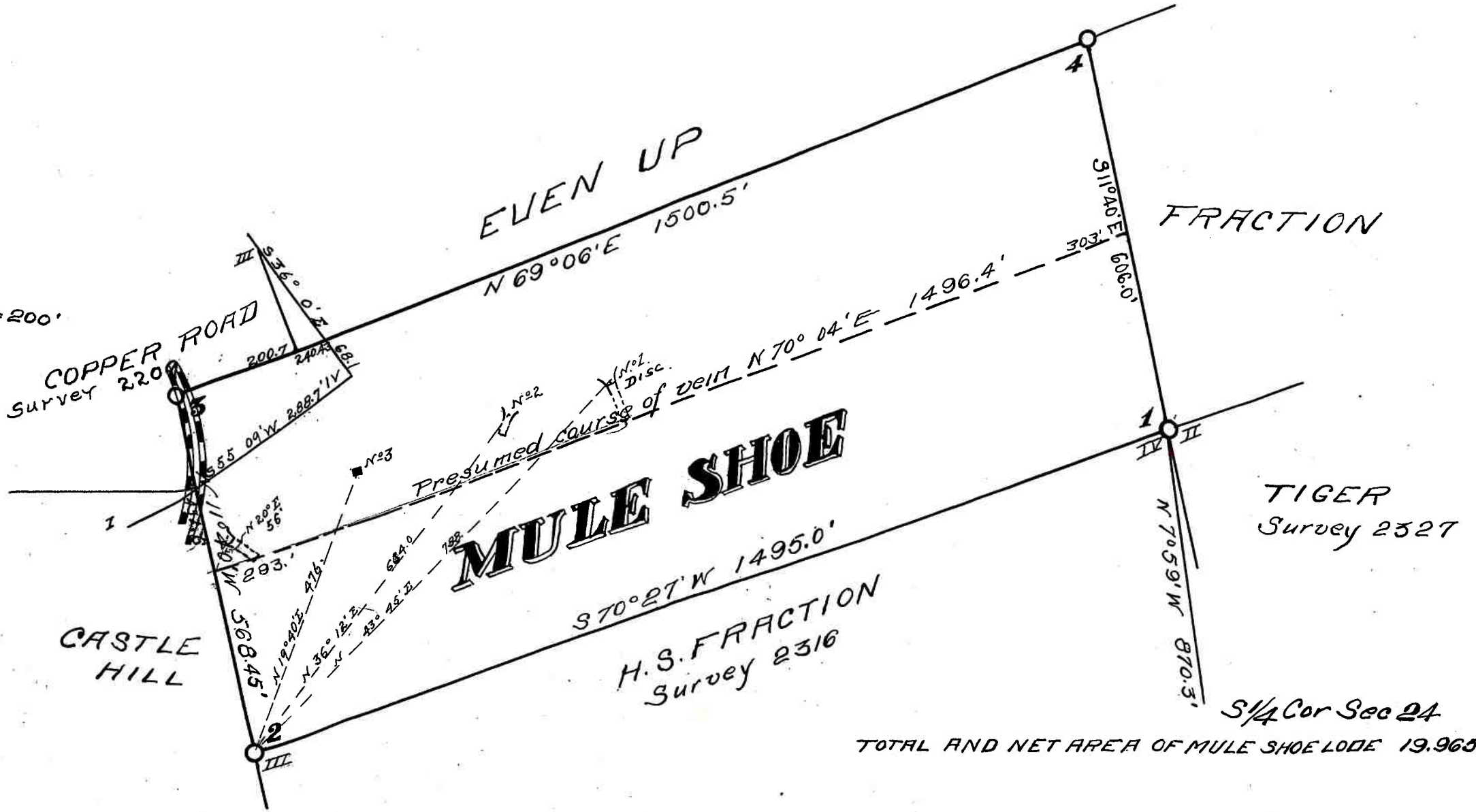
Frank S. Ingalls

U. S. Surveyor-General for Arizona.

SURVEY N^o 2334



Scale 1" = 200'



S 1/4 Cor Sec 24

TOTAL AND NET AREA OF MULE SHOE LODGE 19.965 A.