

3-4-1910.

O. M. C.

1

FEB 10 1910

*Plotted
M.H.B.*

4-683.

MINERAL SURVEY No. 2766

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Calumet & Arizona Mining Co.

KNOWN AS THE

TOM

Turquoise Mining District,

Cochise County, Arizona.

Section approx., Township 19 S., Range 25 E.G. & S.R.B & M. Unsurveyed.

Surveyed under instructions dated January 17, 1910

by Ralph L. Motz.
U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced January 26, 1910., 19

Survey completed January 26, 1910., 19

6-821

Postoffice address of claimant's attorney,
J. M. O'Connell, Bisbee, Arizona.

TOM LODE.

Beginning at Cor. No. 1, the N.W. Cor., situated at the intersection of line 1-4 Sur. No. 2587 Maid of Sunshine lode and line 2-3 Sur. No. 2688 Germania No. 1 lode, at N 40° 02' 30" W 53.8 ft. from Cor. No. 3 of Sur. No. 2688 and S 62° 45' E 1048.2 ft. from Cor. No. 1 of Sur. No. 2587, a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 1-2766 T.L., whence a quartzite ledge 24 x 24 x 6 ins. high chiselled X.B.R. 1-2766 brs. N 51° 45' E 58.6 ft. and a second quartzite ledge 36 x 24 x 6 ins. high with same chiselling brs. N 76° 12' E 42.5 ft. and original location for the N.W. Cor., being a pine post 4 ft. long in and a mound of stones scribed N.W. Tom, brs N 39° 45' W 436.2 ft. and U.S.L.M.No. 1319 Turquoise Mining District brs. N 58° 42' W 2552.5 ft.

Thence S 62° 45' E

78.1 to N.E.C. whence original location for north end center, being a pine post 4 ft. long 4 ins. sq. set in a mound of stones, brs. N 6° 56' W 381.2 ft.

90.5 same brg. to Cor. No. 2, the N.E. Cor., situated at the intersection of line 1-4 Sur. No. 2587 Maid of Sunshine lode and line 4-5 Sur. No. 2458 Mary Mine lode at S 89° 40' E 45.9 ft. from Cor. No. 4 Sur. No. 2458 and N 62° 45' W 361.3 ft. from Cor. No. 4 Sur. No. 2587 Maid of Sunshine lode, a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 2-2766 T.L., whence a quartzite ledge 36 x 24 x 18 ins. high chiselled X.B.R. 2-2766 brs. N 1° 40' W 33.1 ft. and a second quartzite ledge 24 x 20 x 12 ins. high with same chiselling brs. S 88° 58' E 9.95 ft. and original location for the N. E. Cor., being a pine post 4 ft. long 4 ins. sq. set in a mound of stones and scribed N.E. Tom, brs. N 32° 42' E 451.9 ft.

Thence S 3° 13' W

424.3 to witness corner for Cor. No. 3 of this survey, a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in

a mound of stones and scribed W.C. 3-2766 (Cor. No. 3 being located in a wagon road. It was impossible to establish it and as the street runs along line 2-3 of this survey for some distance, the witness corner was set some distance from corner No.3.)

677.7 same brg. to ~~true~~ point for Cor. No.3, the S. E. Cor., situated at the intersection of line 3-4 Sur. No. 2458 Mary Mine lode with line 2-3 Sur. No. 2625 Nineteen Hundred Seven No.2 lode at S 0° 40' E 676.9 ft. from Cor. No. 4 Sur. No. 2458 Mary Mine lode and S 30° 44' E 42.6 ft. from Cor. No. 2 Sur. No. 2625 Nineteen Hundred Seven No.2 lode. The location for Cor. No. 3. is marked by an iron pin 1 in. in diameter and 1 ft. long driven in the ground. Original location for Cor. No. 3 brs. from true point for Cor.No.3, S 33° 49' E 544.5 ft. and is a pine post 4 ft. long 4 ins. sq. set in a mound of stones and scribed S.E.Tom

Thence N 62° 45' W (From ~~true point~~ for Cor. No.3.)

12.4 to ^{true} point for S.E.Center. This point being in a wagon road no monument could be established. A pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground and scribed W.C. S.E.C.-2765 was set at N 62° 45' W 37.9 ft. from this point. Original location for south end center, being a pine post 4ft. long, 4 ins. square set in a mound of stones and scribed S. C. End Tom, bears from ^{true} point of ~~lode~~ for south end center S 0° 17' E 440.6 ft.

47.6 same brg. intersect line 2-3 Sur. No. 2687 Germania Mine lode at S 49° 53' W 22.4 ft. from Cor. No. 2.

47.9 same brg. intersect line 1-2 Sur. No. 2625 Nineteen Hundred Seven No.-2 lode at S 54° 27' W 25.39 ft. from Cor. No. 2.

Note. Line 2-3 Sur. No. 2687 Germania Mine lode intersects line 1-2 Sur. No. 2625 Nineteen Hundred Seven No. 2 lode at S 49° 53' W 19.4 ft. from No. 2 of Sur. No. 2687

50.3 Germania Mine lode and at S 54° 27' W 22.0 ft. from Cor. No. 2 Sur. No. 2625 Nineteen Hundred Seven No. 2 lode. same brg. to witness corner for Cor. No. 3 of this survey, a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed W.C. 3-2766. This post is identical with witness corner for S. E. C. of this survey.

90.5 same brg. to Cor. No. 4, the S. W. Cor., a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 4-2766 T.L., No bearing monuments available. Original location for S. W. Cor. brs. S 28° 7' W 540.1 ft. and is a pine post 4 ft. long 4 ins. sq. set in a mound of stones and scribed S.W.Tom.

Thence N 3° 13' E

57.96 intersect line 1-2 Sur. No. 2687 Germania Mine lode, identical with line 1-4 Sur. No. 2688 Germania No. 1 lode, at N 39° 28' W 81.61 ft. from Cor. No. 2 Sur. No. 2687 Germania Mine lode and at N 39° 28' W 60.65 ft. from Cor. No. 4 Sur. No. 2688 Germania No. 1 lode.

Note. Cor. No. 3 Sur. No. 2688 Germania No. 1 lode brs from Cor. No. 4 of same survey N 2° 49' 30" E 625.15 ft.

677.7 same brg. to Cor. No. 1 the place of the beginning.

LEDGE

The presumed course of the vein on this claim is from the north end center S 3° 13' W 677.7 ft.

AREAS.

Total area of Tom lode.	1.286 A.
Area in conflict with Sur. No. 2687 Germania Mine lode	0.047 "
Area in conflict with Sur. No. 2688 Germania No. 1 lode	0.555 "
Area in conflict with Sur. No. 2458 Mary mine lode.	0.357 "
Area in conflict with Sur. No. 2625 Nineteen Hundred Seven No. 2 lode	0.012 "
Common conflict with Sur. No. 2687 Germania Mine lode and Sur. No. 2625 Nineteen Hundred Seven No. 2 lode, nominal,	0.000 "

IMPROVEMENTS,

No. 1. Discovery shaft, 4 x 6 x 10 feet deep, the mouth of which hrs. from S.E.C. location N 3° 13' E 30.0 ft. Value \$5c.cc

Complete affidavit of \$5c.cc improvements will be filed prior to the expiration of the period of publication of the notice of application for patent.

ADJOINING CLAIMS.

NORTH. Sur. No. 2587 Maid of Sunshine lode, claimant Leadville Mining Co.
 EAST. Sur. No. 2458 Mary Mine lode, claimant Great Western Development Co.
 SOUTH. Sur. No. 2625 Nineteen Hundred Seven No.2 lode claimant's King, Gleeson and Cowan. Sur. No. 2687 Germania Mine lode, claimants, Calumet & Arizona Mining Co.
 WEST *Germania No.1 lode, Sur. No. 2688.*

LOCATION.

This claim is located at the town of Courtland in the Turquoise Mining District, Cochise County, Territory of Arizona, approximately in Tp. 19 S R 25 E G. & S. R. B. & M. unsurveyed.

INSTRUMENT.

This survey was made with a C.L. Berger & Sons 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 variation 13° E at all corners.

REPORT.

Sur. No. 2625 Nineteen Hundred Seven No.2 lode, Sur. No. 2687 Germania Mine Lode and Sur. No. 2688 Germania No. 1 lode, I check the courses and distances.

Sur. No. 2587 Maid of Sunshine lode, I find the bearing of line 1-4 to be S 62° 45' E instead of S 62° 49' E

Sur. No. 2458 Mary Mine lode, I find the bearing of line 3-4 to be N 0° 40' W instead of N 0° 43' W and line

4-5 to be S 89° 40' E instead of S 89° 42' E.

The ties of this survey checks with the ties of Surveys No's 2687 Germania Mine lode and 2688 Germania No. 1 lode, but does not check with Sur. No. 2587 Maid of Sunshine lode and Sur. No. 2625 Nineteen Hundred Seven No. 2 lode.

Ralph L. Motz.

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

February 5th. 1910.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz.
 United States 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 the
Calumet & Arizona Mining Company
 known as the Tom
 and showing the respective capacities in which they acted.

- William Mc Gee , *Chainman.*
- Archie Mc Bee , *Chainman.*
- , *Asman.*
- , *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, William Mc Gee
 and Archie Mc Bee, do solemnly swear that we assisted
Ralph L. Motz, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of the
Calumet & Arizona Mining Company
 known as the TOM
 represented in the foregoing field notes as having been surveyed by said 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 instruc-
 tions furnished by the United States Surveyor-General for Arizona

- William Mc Gee , *Chainman.*
- Archie Mc Bee , *Chainman.*
- , *Asman.*
- , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 26th
 day of January, 1910., ~~IX~~

J M Cabell
 NOTARY PUBLIC
 In and for the County of Cochise, Territory of Arizona.
 My Commission Expires Sept 10 1910 6-1013

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Metz., U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 17, 1910., 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 the Calumet & Arizona Mining Company, known as the TOM, situate in Turquoise Mining District, Cochise County ~~Territory of Arizona~~ in Section approx., Township No. 19 S, Range No. 25 E. G. & S. R. B. & M. unsurveyed and designated as Survey No. 2766, 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.

Ralph L. Metz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Metz
U. S. Mineral Surveyor, before me J. W. Ross
this 5th.
day of February, 1910

J W Ross
NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona.
My Commission Expires Feb 20, 1912

Notice of Mining Location

JAN 17 1910

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Tom,
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 L.W.Powell

a Citizen 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 25th day of March 1909, 9-20 A.M.

The length of this claim is 1500 feet,
and I claim 1000 feet,

in a Northerly direction and 500

feet in a Southerly 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

North to the South

The claim is situated and located in the Turquoise Mining District, in
Cochise County, in the Territory of Arizona, about 700 feet

in a Southeasterly direction from the Germania Shaft of the

C.& A. This Location covers fractions bounded on the North by the

Maid of Sunshine on the East by the Mary on the South by the Repeater On
the West by the Repeater, Commander & Commander No.1.

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

a 4" x 4" x 4' 6" post

at a point in a Southerly direction 500 feet from

the discovery shaft (at which this notice is posted), being in the center of the Southerly

end line of said claim; thence West 300 feet to a 4" x 4" x 4' 6" post

, being the Southwest corner of said claim; thence

North 1500 feet to a 4" x 4" x 4' 6" post, being at the

North West corner of said claim; thence East 300 feet

to a 4" x 4" x 4' 6" post at the center of the Northerly end of said claim;

thence East 300 feet to a 4"x4"x 4'6" post, being at the

North East corner of said claim; thence South 1500

feet to a 4" x 4" x 4' 6" post at the South East corner of said claim;

thence West 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.

Dated and posted on the ground this 25th day of March 1909.

Witnesses,

D.M.Raft

G.A.Arnold.

L.W.Powell

Locator

Filed and recorded at request of Frank H.Herford, Mar 31 1909 at
4:35 P.M. in Book 44 Record of Mines at Page 75.

TERRITORY OF ARIZONA, |
COUNTY OF COCHISE. | SS .

I, C.A. McDonald, County Recorder in and for the County and Territory aforesaid, DO HEREBY CERTIFY that I have compared the annexed and foregoing copy with the original Location Notice of the TOM mining claim, filed for record in my office on the 31st day of March, A.D. 1909 and recorded in Book 44 Record of Mines at Page 75, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this 11th day of January, A.D. 1910.

C.A. McDonald
County Recorder

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

-----Phoenix, Arizona-----

-----April 20, 1910-----, 190-----

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 Calumet & Arizona Mining Company

known as the Tom

situate in Turquoise

Mining District, Cochise County, Arizona

in Section Approx., Township No. 19 S., Range No. 25 E. G. & S. R. B. & M. and Unsurveyed

designated as Survey No. 2766, 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 its grantors, and that said improvements consist of at time of survey, 1 shaft, value \$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.

April 20, 1910, 190

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 Calumet & Arizona Mining Company,

known as the TOM

situate in Turquoise Mining District, Cochise County, Arizona

in Section Approx., Township No. 19 S., Range No. 25 E. G. & S. R. B. & M. Unsurveyed. designated as Survey No. 2766

executed by Ralph L. Motz, U. S. Deputy Mineral

Surveyor, January 26, 1900, under my instructions dated

January 17, 1900, 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.

Handwritten signature of Frank P. ...

U. S. Surveyor-General for Arizona.

(4-691.)

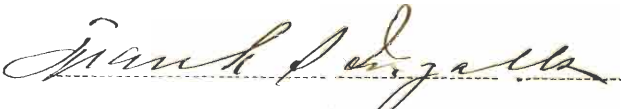
Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for 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
Calumet & Arizona Mining Co.,
known as the TOM,
situate in Turquoise mining district,
Cochise County, Arizona
in Section approx., Township No. 19 S., Range No. 25 E., G. & S. R. B. & M.,
unsurveyed,
that said improvements consist of 1 shaft, value, \$50, and an undivided
1/2 interest, value \$528 in the underground workings from the 200 ft.
level of the Germania shaft which bears from Corner No. 1, Tom
lode, S. 4°24'W., 194.9 feet, such underground workings being
for the common benefit and development of the said Tom lode and
the Germania No. 1 lode, Sur. No. 2766, and the value thereof properly
apportioned equally between the two said lodes,

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
Ralph L. Motz, U. S. ~~Deputy~~ Mineral Surveyor, dated
December 24, 1910., -18-, is hereto attached.


U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona,

Dec. 28, 1910., 1

M I N E R A L S U R V E Y N O . 2 7 6 6 .

SUPPLEMENTAL REPORT OF IMPROVEMENTS.

I hereby certify that the value of labor performed and improvements made upon or for the benefit of the Tom Lode, Survey No. 2766, by the claimants is not less than \$500.00 and that said improvements consist of:-

No. 1 Discovery shaft 4 x 6 x 10 ft. deep bears from SEC N 3° 13' E. 30.0 ft. Value, ----- \$ 50.00

No. 2 From a point on the 200 ft. level of the Germania Shaft which bears from Cor.No.1, S. 4°24'W., 194.9 ft. and is 211 ft. below the surface, the work for the development of the Tom Lode, Survey No. 2766 was started. A raise was driven vertically 26.0 ft. From this a drift was run S 34°52'E. 20.7 ft., S. 82°27'E. 22.5 ft. to a point from which a drift was run S. 20°43'W. 30.5 and another was run N. 17°48'E. 26.5 ft., S. 38°E. 7.0 ft. This work except the 7 ft. drift has been done on Survey No. 2688, Germania No. 1 Lode, owned also by the claimants. The 7 ft. drift is 185 feet below the surface and the surface of the Tom Lode is level. Therefore this improvement is a common improvement for the benefit of the Tom Lode as well as the Germania No. 1 Lode, as, by cross-cutting the Tom Lode may be advantageously developed and ore extracted therefrom. Total work 4½ x 6 x 133.2 ft. Value of an undivided one-half interest, ----- \$ 528.00
Total Improvements, ----- 578.00

I, Ralph L. Motz, U. S. Mineral Surveyor for the District of Arizona, first being duly sworn, depose and say that the above supplemental report is true and correct

and that the improvements mentioned therein were made and completed prior to the date of the expiration of the publication of the notice of application for patent to the lands embraced within Mineral Survey No. 2766.

Ralph L. Motz,
U. S. Mineral Surveyor.

Territory of Arizona } ss.
County of Cochise }

Subscribed and sworn to by said Ralph L. Motz before me, a Notary Public in and for the County of Cochise, Territory of Arizona, this 24th day of December, 1910, A.D.

J. W. Ross,
Notary Public.

(SEAL)

My Commission expires Febry 20, 1912.