

4-688

MINERAL SURVEY No. 4124

ARIZONA Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Calumet & Arizona Mining Company

KNOWN AS THE

TAMARACK EXTENSION lode

Warren Mining District,

Cochise County, Arizona.

Section 17, Township 23 S, Range 24 E, G&SRB&M

Surveyed under instructions dated December 14, 1929

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

Claim located September 26, 1929, 19

Survey commenced January 29, 1930

Survey completed January 30, 1930

Address of claimant's Attorneys, Knapp & Boyle, Bisbee, Arizona.

DATES OF AMENDED LOCATIONS

MINERAL SURVEY NO. 4124

Feet

TAMARACK EXTENSION Lode

Beginning at Cor. No. 1, the S. E. Cor., identical with location and with Cors. 1, 4 and 6 of Survey No. 1739 Chicago lode, Survey No. 1739 Georgia lode and Survey No. 1688 Tamarack lode respectively, an iron pipe 4 inches in diameter 4 feet long set 18 inches in the ground in a monument of concrete, ~~marked~~ copper tag on side marked 1-4124 T E whence a limestone ledge with 23 x 46 x 4 inch high exposure, chiseled B R x 1-4124 brs N 39° 52' E 39.9 ft. and a second limestone ledge with 26 x 49 x 4 inches high exposure with like chiseling brs N 79° 37' W 25.0 ft., Cor. No. 9 of Survey No. 1739 Chicago lode brs N 47° 19' W 80.35 ft. and the 1/4 Cor. between Secs. 17 and 20, T 23 S, R 24 E, G & S R B & M brs S 21° 22' W 1759.6 ft.

thence N 54° 17' W

82.03 to Cor. No. 2, the S. W. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-4124 T E, whence a limestone ledge with 13 x 18 x 6 inches high exposure chiseled B R x 2-4124 brs N 41° 29' W 4.0 ft. and a second limestone ledge with 11 x 50 x 9 inches high exposure with like chiseling brs S 56° 35' E 6.3 ft.

thence N 48° 49' E

10.00 to original location for the west end center, also Cor. No. 3, the N. W. Cor. identical with Cor. No. 9 of Survey No. 1739 Chicago lode and situated on line 2-3 of Survey No. 1600 Morningstar lode at S 89° 30' E 235.88 ft. from Cor. No. 3, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed W E Ct - 4124 T E and 3-4124 T E whence a limestone ledge with 13 x 18 x 6 inches high exposure chiseled B R x 3-4124 brs S 70° 45' W 10.8 ft. and a second limestone ledge with 11 x 50 x 9 inches high exposure

with like chiseling brs S 12° 45' W 10.3 ft. and the original location for the northwest corner being a mound of stones 3 feet high with 3 foot base brs N 48° 49' E 10.0 ft.

thence S 89° 30' E

120.15 along line 3-2 of Survey No. 1600 Morning Star lode to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 5 of Survey No. 1688 Tamarack lode, an iron pipe 4 feet long 4 inches in diameter set 18 inches in the ground in a monument of concrete with copper tag on side marked 4-4124 T E, whence a limestone ledge with 30 x 31 x 6 inches high exposure chiseled B R x 4-4124 brs N 1° 04' W 17.5 ft. and a second limestone ledge with 23 x 46 x 4 inches high exposure with like chiseling brs S 57° 17' W 42.2 ft.

thence S 48° 49' W

27.0 along line 5-6 of Survey No. 1688 Tamarack lode to original location for the east end center being a mound of stones 3 feet high with 3 foot base.

81.16 to Cor. No. 1, the place of the beginning.

LODE LINE

As near as can be determined from present developments the vein of this location extends 66.6 ft. N 79° 19' W and 35.0 ft. S 79° 19' E from the center of the discovery shaft.

AREA

Total area Tamarack Extension lode - - - - - 0.084 A
 Area in conflict with Survey No. 1739 Chicago lode - - - - - 0.009 A

LOCATION

This survey is located in Sec. 17, T 23 S, R 24 E, G & S R B & M, in the Warren Mining District, Cochise County, Arizona.

IMPROVEMENTS

I hereby certify that the value of the labor and improvements made upon, this claim by the claimant or its grantors was at time of survey as follows:-

SURVEY NO. 4124 (Con't)

No. 1 Discovery shaft 4 x 6 x 8 feet deep
center of which brs from east end center on lode
line 35.0 ft. Value - - - - - \$ 60.00

Note:- Additional report of improvements will be filed prior to the expiration of the period of publication of the notice of application for patent.

INSTRUMENT

This survey was made with a C. L. Berger & Sons No. 1 c transit. The courses were deflected ~~and determined~~ from the true meridian as determined by a direct solar observation. The distances were measured with 150 and 335 foot steel tapes. Magnetic variation 12° 30' East at all corners.

ADJOINING CLAIMS.

- North Survey No. 1600 Morning Star lode.
- East Survey No. 1688 Tamarack lode
- South Survey No. 1739 Georgia lode
- West Survey No. 1739 Chicago lode.

REPORT

The 1/4 Cor. between Secs. 17 and 20, T 23 S, R 24 E, G & S R B & M is an iron pipe with brass cap.

Survey No. 1600 Morning Star lode. Cor. No. 2 is an iron pipe with copper tag on side. Cor. No. 3 is a pine post properly set and scribed.

Survey No. 1739 - Chicago lode - Cor. No. 1 is an iron pipe with copper tag. Cor. No. 8 is identical with Cor. No. 3 of the Morning Star lode and is a pine post properly scribed. Cor. No. 9 was a monument of rocks with the post missing. Georgia lode - Cor. No. 4 is an iron pipe with copper tag.

Survey No. 1688 Tamarack lode. Cors. 5 and 6 are iron pipes with copper tags. The position of these two corners does not check with the patent survey. I have searched diligently for signs of monuments at points indicated in the patent survey but could not find any. These corners were set some years ago (with iron posts in concrete) by a joint survey of the companies involved and

the original corners were accurately replaced on the ground by the new corners. From all data at hand it seems that the error was made in the original survey, as these corners with the proper markings were found at the points indicated in this survey.

Ralph L. Mott

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

February 17, 1930.

Survey No. 1600	Morning Star Lode	North
Survey No. 1688	Tamarack Lode	East
Survey No. 1779	Georgia Lode	South
Survey No. 1779	Chicago Lode	West

REPORT

The 1/4 cor. between lots 17 and 20, T 25 S, R 24 E, S 4 is a 3 x 4 ft iron pipe with brass cap.

Survey No. 1600 Morning Star Lode. Cor. No. 2 is an iron pipe with copper tag on side. Cor. No. 3 is a pine post properly set and marked.

Survey No. 1779 - Chicago Lode - Cor. No. 1 is an iron pipe with copper tag. Cor. No. 2 is identical with Cor. No. 1 for the Morning Star Lode and is a pine post properly marked. Cor. No. 3 was a monument of rock with the post missing. Georgia Lode - Cor. No. 4 is an iron pipe with copper tag.

Survey No. 1688 Tamarack Lode. Cor. No. 5 and 6 are iron pipes with copper tags. The position of these two corners does not check with the patent survey. I have searched diligently for signs of monuments at points indicated in the patent survey but could not find any. These corners were set some years ago (with iron posts in connection) as a joint survey of the companies involved and

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 _____
Calumet & Arizona Mining Company
 known as the Tamarack Extension lode
 and showing the respective capacities in which they acted.

S. J. Hoener _____, *Chainman.*
 _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~ I, S. J. Hoener
 and _____, 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 Calumet & Arizona Mining Company
 known as the Tamarack Extension lode
 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 Office Cadastral Engineer, at Phoenix, Arizona.

S. J. Hoener _____, *Chainman.*
 _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 17th
 day of February, 1930

Margaret Irving
 Notary Public, in and for the County of
Cochise, State of Arizona.
GOVERNMENT PRINTING OFFICE
 My commission expires May 10 - 1932 4-1013

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated December 14, 1929, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Calumet & Arizona Mining Company, known as the Tamarack Extension lode, situate in Warren Mining District, Cochise County, Arizona, in Section 17, Township No. 23 S., Range No. 24 E., G. & S. R. B. & M and designated as Survey No. 4124, 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 Office Cadastral Engineer with said instructions, and that all 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. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me Margaret Irving, Notary Public
this 17th
day of February, 1930

Margaret Irving
Notary Public, in and for the County of Cochise,
State of Arizona.

My commission expires May 10 - 1932

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

April 14, 1930

I, Office Cadastral Engineer, at Phoenix, 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 TAMARACK EXTENSION lode

situate in Warren

Mining District Cochise County Arizona

in Section 17, Township No. 23 S., Range No. 24 E., and

designated as Survey No. 4124, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or its grantors,

and that said improvements consist of, at time of survey, 1 shaft, value

\$60.00

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.

John D. Adams

Office Cadastral Engineer.

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CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

April 14, 1930

I, Office Cadastral Engineer at Phoenix, 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

TAMARACK EXTENSION lode

situate in _____ Warren _____ mining district,

Cochise County, Arizona

in Section 17, Township No. 23 S., Range No. 24 E.

_____, designated as Survey No. 4124

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

Surveyor, January 29 - 30, 1930, under my instructions dated

December 14, 1929, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.


Office Cadastral Engineer.

(4-691.)

PUBLIC SURVEY OFFICE

Certificate of ~~U. S. Surveyor General~~

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, ~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER **at Phoenix, 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 Company**

known as the **TAMARACK EXTENSION lode**,
situate in **Warren** mining district,
Cochise County, **Arizona**,
in Section **17**, Township No. **23 S**, Range No. **24 E**;
that said improvements consist of **1 shaft, total value \$585.**

....., 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. Mineral Surveyor, dated **April 15**, 19**32** is hereto attached.

John D. Adams
~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER

~~Office of U. S. Surveyor General,~~
PUBLIC SURVEY OFFICE,
Phoenix, Arizona.

....., 19

Mineral Survey No. 4124

Tamarack Extension Lode.

SUPPLEMENTAL REPORT OF IMPROVEMENTS.

I hereby certify that the value of the labor performed and improvements made upon this claim by the claimant or its grantors is not less than five hundred dollars and that said improvements in addition to those which were reported at time of survey consist of:-

No. 1

The discovery shaft of the Tamarack Extension lode, 4 x 6 ft., 50 feet deep, and additional depth of 42 feet.
~~Additional~~ Value \$525

Ralph L. Motz
U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.
April 15, 1932.

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 period of publication of the notice of application for patent to the lands embraced in Mineral Survey No. 4124.

Ralph L. Motz
U. S. Mineral Surveyor.

State of Arizona)
County of Cochise) ss

Subscribed and sworn to by the said Ralph L. Motz, U. S. Mineral Surveyor, before me, B. S. Chase, a Notary Public, in and for the County of Cochise, State of Arizona, this 15th day of April, 1932.

B. S. Chase
Notary Public.

My Commission Expires December 26, 1932.