

MINERAL SURVEY No. 3864

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Louise de Vere Hamburg and Ella Stromberg

KNOWN AS THE

Key Stone lode

Hartford

Mining District,

Cochise

County,

Arizona

Sections 20 and 21, Township 23 S, Range 20 E, G & S-R B & M

Surveyed under instructions dated September 12, 1922

by Ralph L. Motz

U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced October 6, 1922

Survey completed October 9, 1922

Address of claimant's attys, Hampton & Arnold, Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3864

Feet

KEY STONE LODE.

Beginning at corner No. 1, the <sup>S.</sup> 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 1-3864 K S, whence the 1/4 Cor. between Secs. 20 and 21, T 23 S, R 20 E, G & S R B & M brs S 66° 28' E 546.3 ft.

thence N 56° 00' E

300.0 30 original location for the west end center being a mound of stones 3 ft. high with 3 ft. base

- 600.0 to Cor. No. 2, the N. 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 2-3864 K S whence a pine tree 8 inches in diameter by 25 ft. high blazed and scribed B T x 2-3864 brs S 63° 24' E 17.8 ft. and a pine stump 12 inches in diameter by 4 feet high with like scribing brs N 54° 52' E 7.4 ft.

thence S 34° 00' E

- 291.0 to Cor. No. 2 of Lot No. 37 Wisconsin lode and the southwest corner of Lionel D lode unsurveyed

1500.0 along line 2-3 of Lot No. 37 Wisconsin lode to Cor. No. 3, the N. E. Cor., identical with location and with Cor. No. 3 of Lot No. 37 Wisconsin lode, a pine post 4 inches square 30 inches above ground in a mound of stones and scribed 3-3864 K S, whence a pine tree 8 ins. in diameter by 12 ft. high blazed and scribed x B T 3-3864 brs N 0° 40' W 45.2 ft. and a second pine tree 10 inches in diameter by 18 ft. high blazed and with like scribing brs S 59° 29' W 38.3 ft.

thence S 56° 00' W

300.0 to original location for the east end center being a mound of stones 3 ft. high with 3 ft. base

600.0 to Cor. No. 4, the S. E. 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 4-3864 K S whence a pine tree 8 inches in diameter by 12 feet high



blazed and scribed x B T 4-3864 brs N 40° 06' E 27.6 ft. and a second pine tree 24 inches in diameter by 30 feet high blazed and with like scribing brs S 7° 28' W 31.6 ft.

1500.0 thence N 34° 00' W to Cor. No. 1, the place of the beginning.

LODE LINE

The presumed course of the vein on this claim is from the east end center N 34° 00' W 1500.0 ft.

AREA

Total and net area - - - - - 20.661 A

LOCATION

This claim is situated in Secs. 20 and 21, T. 23S, R 20 E, G & S R B & M, in the Coronado <sup>National</sup> Forest Reserve, Hartford Mining District, Cochise County, Arizona.

IMPROVEMENTS

I hereby certify that the value of the labor performed and improvements made upon or for the benefit of this claim by the claimants or their grantors is not less than five hundred dollars and that said improvements consist of:-

- No. 1 Discovery open cut 4 x 10 x 12 ft. long brg east face of which brs from east end center on lode line 100 ft. Value - - - - - \$ 100.00
  - No. 2 Open cut 6 x 10 x 10 ft. long brg S 50° W at face is trench 6 x 6 x 19 ft. long brg S 50° W mouth of open cut brs from Cor. No. 2 S 24° 20' W 220.0 ft. Value - - - - - 265.00
  - No. 3 Open cut 8 x 14 x 15 ft. long brg S 60° W mouth of which brs from Cor. No. 2, S 10° 05' W 232.0 ft. Value - - - - - 350.00
- a 1/7 interest in Improvement No. 4 of the

MINERAL SURVEY NO. 3864

IMPROVEMENTS (Con't)

Camp No. 2 lode of Survey No. 3863 has been allotted to this claim for the reasons given in that survey and as clearly shown on the topographic map accompanying this survey - - - \$ 666.00

Total Improvements - - - \$ 1381.00

ADJOINING CLAIMS

East

Lot No. 37 Wisconsin lode  
Lionel D lode unsurveyed, owned by applicants herein

INSTRUMENT

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined for Survey No. 2945. The distances were measured with 100 and 300<sup>ft.</sup> steel tapes. Magnetic variation 13° east at all corners.

1/4 Cor. between Secs. 20 and 21, T 23 S, R 20 E, G & S R B & M, is a granite rock 6 x 8 x 18 inches high.

Lot No. 37, Wisconsin lode, Cors. 2 and 3 are posts properly set and scribed.

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

Dated at Bisbee, Arizona.

November 13, 1922.



# 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

Louise de Vere Hamburg and Ella Stromberg

known as the Key Stone Lode

and showing the respective capacities in which they acted.

B. Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

~~xvix~~ I, B. Gmehle

~~xvix~~....., 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 Louise de Vere Hamburg and Ella Stromberg

known as the Key Stone 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 instructions furnished by the United States Surveyor-General for Arizona.

B. Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 16th

day of November, 19 22

Charles R. Woods

Notary Public, in and for the County of Cochise, State of Arizona. My commission expires May 23rd 1925



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 United States Surveyor General for Arizona, dated September 12, 1922, 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 Louise de Vere Hamburg and Ella Stromberg, known as the KEY STONE lode, situate in Hartford Mining District, Cochise County, Arizona, in Sections 20 & 21, Township No. 23 S., Range No. 20 E., G. & S. R. B. & M., and designated as Survey No. 3864, 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 claimants or their 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
Notary Public this 16th day of November, 19 22

Charles Woods
Notary Public in and for the County of Cochise, State of Arizona.
My commission expires May 23 1925



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

December 22, 1922

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

Louise de Vere Hamburg, and Ella Stromberg

known as the KEY STONE Lode

situate in Hartford

Mining District, Cochise County, Arizona

in Sections 20 & 21, Township No. 23 S., Range No. 20 E., and

designated as Survey No. 3864, 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 for their grantors, and that said improvements consist of 3 cuts, 1 trench and a 1/7 interest in the value of improvement No. 4 on the Camp No. 2 lode, Sur. No. 3863, total value \$1381.00

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 P. Trott

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.

December 22, 1922

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

Louise de Vere Hamburg and Ella Stromberg

, known as the

Key Stone Lode

situate in Hartford mining district,

Cochise County, Arizona

in Section s. 20 and 21, Township No. 23 S., Range No. 20 E.

, designated as Survey No. 3864

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

Surveyor, October 6 - 9, 1922, under my instructions dated

September 12, 1922, 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.

*Frank J. Smith*

U. S. Surveyor General for Arizona.