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(4-683.)

Mineral Survey No. 2464

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Kelvin Calumet Copper ^{Mining} Company

KNOWN AS THE

Globe and Isabella

Mineral Creek Mining District.

Pinal County, Arizona

Section Approx., Township 3 S., Range 14 E. Unsur.

Surveyed under instructions dated Nov 8 -, 1907

by William H. Bennett,
U. S. Deputy Mineral Surveyor

Claim located May 23rd 1897 - July 27th 1898

Survey commenced January 15 -, 1908.

Survey completed 14th 4, 1908.

6-103

Address of Claimant

W. B. Twitchell Agent

Ray, Pinal Co., Arizona.

Beginning at Cor. No. 1 Identical with the loc. and with
 Cor. No. 4 Parson lode sur. No. 1244 as this point falls in
 the edge of Mineral Creek there is no trace of the old Cor.
 I established a witness cor. which brs. S 78°.50'W
 23.9 ft. X-W-C-I-1-2464 chiseled on Porphyry bluff 5 ft.
 with mound of stones,
 above creek bed. No bearings available. From Corner point
 U.S.L.M. No. 1 brs. S 27°.37'E 2637.3 feet. No bearings ~~XXX~~
 available. Loc. cor. mon of stones 3X3 ft.

Thence from Cor. point. N11°.10'W
 Va. 14°.E
 250 Cr. Mineral Creek 80 ft. wide course S 30°.E
 300 E.C. End
 392 To Cor. No. 2

Identical with the loc. and with cor. No. 4 Missing
 Link lode sur. No. 1530, there is no trace left of this cor.,
 and at intersection of line 5-1 Globe lode of this sur.
 at N. 73°.50'E, 1183.7 ft. from cor. No. 5.
 A quartzite stone 8X12X 28 ins. set 15 ins. in the ground
 with mound of stones, chiseled I-2-2464
 No bearings available Loc. cor. mon. of stones 3X3 ft.

Thence S 36°.43'W
 Va. 14°.E
 100 *Cr. Mineral Creek 80' wide course* S 30°.E
 1319.17 Intersect line 4-5 Globe lode of this sur. at N. 19°.19'W.
 168.92 ft. from Cor. No. 5.

1514.30 To Cor. No. 3.
 Identical with the loc. and with cor. No. 4 sur. No.
 1467-A. Rector lode. A schist stone in place ^{12x12x5 inches above the ground} chiseled R-4-
 1467-A, I chiseled I-3-2464 on the same rock. with mound
 of stones. No bearings available. Loc. cor. mon. of
 stones 3X3 ft.

Thence S 11°.10'.E
 Va. 14°.E
 270 Cr. Copper Canon 50 ft. wide course N 76°.E
 300 W.C. End.
 600 To Cor. No. 4

Identical with the loc. and with Cor. No. 1 Rector lode
 sur No. 1467-A and with Cor. No. 3 Parson lode sur No. 1244
 A porphyry stone 6X8X10 ins. above the ground, I chiseled it

I-4-2464, with mound of stones. No bearings available.

Loc. cor. mon of stones 3X3 ft.

Thence N 73°.50'E
Va. 14°.E

1476.1 Witness Cor. for Cor. No. 1

1500 To Cor. No. 1 the place of beginning.

GLOBE LODGE.

Beginning at Cor. No. 1

Identical with the loc. at intersection of line 3-4 Missing Link lode ~~XXXXXXXX~~ sur. No. 1580 and line 1-2 Vindicator lode sur. No. 1581

A X-G-1-2464 chiseled on schist stone in place 14X24X12 ins. above the ground with mound of stones. Whence:-

U.S.L.M. No. 1 hrs. S 19°.84'E 2953.21 feet.

No bearings available. Loc. cor. mon. of stones 3X3 ft.

Thence N 19°.19'W
Va. 14°.E

300 E .C. End.

591. To Cor. No. 2

Identical with the loc. and with cor. No. ² Vindicator lode and cor. No. 1 Grace lode sur. No. 1581. A post 4X4 ins. X 4 ft. scribed V-2.G-1.1581 in mound of stones.

X-G-2 -2464 chiseled on conglomerate boulder in place 2X3X2 ft. above the ground, with mound of stones.

No bearings available. Loc. cor. mon. of stones 3X3 ft.

Thence S 72°.16'W
Va. 14°.E

381.5 To Cor. No. 3 *at intersection of east end line of Mineral Creek lode unsurveyed at S 15°.56'W 106.06 ft. from S.E. cr of Mineral Creek lode* Identical with the loc. and with cor. No. 4 Grace lode sur.

No. 1581 A post 4X4 ins X 3 ft. above the ground in mound of stones scribed G-4-24 1581

A Granite stone 6X10X24 ins set 12 ins. in the ground with mound of stones chiseled G-3-2464

No bearings available. Loc. cor. mon. of stones 2X2 ft.

Thence S 68°.52'W
Va. 14°.E

100- *cr Mineral Creek 80' north corner S 28°.E*

1104.1 To Cor. No. 4

Identical with the loc. at intersection of the south line of Mineral Creek lode unsurveyed at S 74°.04'W 1099.55 ft. from S.E. Cor. of Mineral Creek lode.

A Quartz stone 12X12X24" set 12 ins. in the ground with mound of stones, chiseled G-4-2464

No bearings available. Loc. cor. mon. of stones 5X3 ft.

Thence S 19°.19'E
Va. 14°.E

54. W.C. End.

135.03' Intersect line 2-3 Isabella lode of this sur. at

S 86°.43'W 1219.17 ft. from cor. No. 2

354. To Cor. No. 5.

Identical with the loc.

A schist stone 6X12X24 ins. set 12 ins. in the ground with mound of stones chiseled G-5-2464.

No bearings available. Loc. cor. mon. of stones 3X3 ft.

Thence N 78°.50'E
Va. 14°.E

1083 Cr. Mineral creek course S 30'E 80 ft. wide

1133.7 Cor. No. 2 Isabella lode of this sur.

1500 To Cor. No. 1 the place of beginning.

Area.
ISABELLA LODGE total area.....17,080 acres.

Less area in conflict with Globe lode of this sur.
3,272 acres.

Total net area Isabella lode.....14,808 acres.

GLOBE LODGE total area... 16,386 acres

Less area in conflict with Mineral Creek lode
unsurveyed 1,263 acres.

Total net area Globe lode . 15,130 acres.

Total net area of lode claim 29,938 acres.

Location.

This claim is located on unsurveyed land approximately in T.3.S.R.14.E. Mineral Creek Mining District Pinal Co. Arizona.

Adjoining Claims.

This claim is bounded on the North by Mineral Creek lode unsurveyed Ray Copper Co. claimant and Sur. No. 1581 Grace lode, on the East by Sur. No. 1581 Vindicator lode and Sur. No. 1580. Missing Link lode, on the South by sur. 1244 Parson lode, on the West by sur. No. 1467-A Rector lode and

U.S. Land.

Ledges.

Isabella ledge hrs from W.C. End. N 78°.50'E 1500 ft. to E.C.E.
Globe ledge hrs from W.C. End N 78°.50'E 1500 ft. to E.C.E.
Globe ledge

Improvements.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants, and their grantors, is not less than five hundred dollars for each lode and that said improvements consist of :

Isabella lode.

No. 1 Dis. out which brs. from E.C. End S 78° 50' W 740 ft.

William A. Merrill 12 X 30 X 12 ft. value ~~...~~ \$100.00

No. 2 shaft which brs. from Cor. No. 2 S 78° 30' W 650 ft.

4 X 6 X 15 ft. value \$150.00

No. 3 shaft which brs from cor. No. 4 N. 68° 30' E 565 ft.

~~S 58° 25' E 770 ft.~~ 4.5 X 9 ft. in clear, timbered 325 ft. deep at 200. level drift North 324 ft. and drift.

South. 100' ft. Value... .. \$10740.00

No. 4 Tunnel which brs. from Cor. No. 2 S 58° 45' W 780 ft.

5 X 7 X 65 ft. course S 20° W value \$520.00

Globe lode.

No. 1 dis. shaft which brs from W.C. End. N 78° 50' E

William A. Merrill 315 ft. 4 X 6 X 10 ft. value \$100.00

No. 2 shaft which brs from cor. No. 4 S 84° 10' E 400 ft.

William A. Merrill 20 X 12 ft. value... \$100.00

No. 3 shaft which brs. from cor. No. 5 N 68° 30' E 160 ft.

4 X 6 X 126 ft. deep value. \$2520.00

Instrument.

This survey was made with a Young & Sons solar transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100-ft. and 500-ft. steel tapes.

*

Note: -I very carefully run the lines joining sur. 1580 MI Missing Link lode and survey No. 1581 Vindicator and Grace lodes and find said lines in error.

Other Improvements

N.W. Cor. of a quartz mill brs. from Cor. No. 4 Globe lode N 83° 50' E 740 ft. course of long side S 27° E value \$20000.00

N.W. cor. of a quartz mill brs. from cor. No. 5 Globe lode S 71° 35' E 269 ft course of long side N 77° E Value \$20000.00

William A. Merrill
U.S. Dep. Mineral Surveyor.

* Note:

The tie line to Sur. No. 1467 A, Rector lode, not checking with the ties of this survey is due to errors in the former survey.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William H. Merritt

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

Kelvin Calumet Copper Mining Company
known as the Globe and Isabella

and showing the respective capacities in which they acted.

57202 308 22.11 2

- R. A. Merritt, Chairman.
-, Chairman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

I, R. A. Merritt

and, do solemnly swear that ^I we assisted William

H. Merritt, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Kelvin Calumet Copper Mining Company

known as the Globe and Isabella

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

- Robt. A. Merritt, Chairman.
-, Chairman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 27th

day of July, 1908.

My Commission Expires
July 7 - 1909

W. H. Merritt
Nelson Dubler

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, William H. Merritt, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Nov 8th 1908, 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 Kelvin Calumet Copper Mining Co., known as the Globe and Isabella, situate in Mineral Creek Mining District, Ornal County, Arizona, in Section Appex, Township No. 3 S., Range No. 14 E., Unsurveyed, and designated as Survey No. 2464, 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.

William H. Merritt
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said William H. Merritt
U. S. Deputy Mineral Surveyor, before me a Notary Public in and for Yavapai County, Arizona this fourteenth day of February A. D. 1908,

Ziba O. Brown
Notary Public

my Commission Expires Nov. 1-1909.
O 3-154

Affidavit of Five Hundred Dollars Improvements.

We, PA Nickham, and G O Nolan

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Globe and Isabella mining claim, situate in Mineral Creek Mining district, Pres County, Arizona Territory, for which Kelvin Calumet Copper Mining Company

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 its grantors exceed Five Hundred Dollars in value, for each lot and further that we are not personally interested in said mine.

PA Nickham

G. O. Nolan

TERRITORY OF ARIZONA, }
County of Yavapai } ss:

Sworn to and subscribed before me, this 27th

day of January, 1908



W. F. Merrill
Notary Public

14396b400-8-04

My Commission Expires
July 7th 1908

NOTICE OF LOCATION.

Notice is hereby given that the ISABELLA mining claim containing mineral bearing quartz, earth, or rock, in place located by P. A. Schilling, W. W. Reeves and J. C. Bates on the 27th day of July 1898 has been located for mining purposes.

Said claim is 1500 feet in length and 187 ft. on each side of center of discovery shaft.

The course of this Lode deposit or premises is east and west. This claim is situated in Mineral Creek Mining District, Pinal Co. Ty. of Arizona, about 1/4 mile North of Ray Mill and Bounded on the North by the Globe Mine and on the South by the Ray Co's property this claim is bounded and marked as follows:

Beginning at the east center end monument, being 500 ft. east of the center of discovery shaft: thence 187 ft. North to a monument: thence 750 west to a Monument at the center of the North Side line, then 500 ft. west to a monument: then 125 ft. North to a monument: then 250 ft. west to a monument: then 300 ft. South to a monument. being the center end monument of the west end of said claim and 1000 ft. west of the center of Discovery shaft: thence 300 ft. in a Southern direction to a monument: then 750 east to a monument, being the center of the South side Line of said claim: thence 750 ft. East to a monument: thence 187 ft. North to place of beginning.

Done under and by virtue of the laws of the United States and the Laws of the Territory of Arizona.

P. A. Schilling

W. W. Reeves

J. C. Bates

Locators

Filed and recorded at request of P. A. Schilling on the 25 day of October A. D. 1898 at 1 O'Clock P. M.

F. A. Chamberlin Recorder

By Thos. G. Peyton Deputy.

Territory of Arizona
County of Pinal ss

I, G. F. Watson, County Recorder, in and for
the County of Pinal, Territory of Arizona, do hereby certify
that this is a full, true, and correct copy of the "ISABELLA"
Mining Claim as the same appears of record in Book 15-- of
Mines , at page 316 and 317 thereof.

Witness my hand and seal of office this 3rd day of September
A. D. 1907

Recorder.....*G. F. Watson*.....

NOTICE OF LOCATION.

Notice is hereby given that the GLOBE Mining claim is located for mining purposes by the undersigned on the 23rd day of May 1897.

Said claim is (1500) feet in length and (300) feet on each side of the center of discovery Shaft upon which this notice is posted, or as much thereof as is vacant on the North Side.

The genreal course of this lead or load is East & West.

This claim is Situated in Mineral Creek Mining District, Pinal County ~~#####~~ Territory of Arizona and is on the South of Mineral Creek Claim and about (1000) feet North of the Rap Mine & is marked as follows: *to-wit:*

Beginning at the west center end monument being (400) feet west of the center of discovery Shaft: thence northerly 56 feet to a monument of stones : thence easterly (750) feet to a monument of stones being the center of the North side line of claim: thence easterly to the South east corner of the Mineral Creek Claim : thence North (100) feet to a monument of stones: thence easterly to a monument of stones : thence Southerly (300) feet to a monument of stones being the center of the east end of claim and (1100) feet east of the discovery shaft : thence southerly (300) feet to a monument of stones: thence westerly(750) feet to a monument of stones, being the center of South Side line of claim: thence westerly (750) feet to a monument of stones : thence Northerly (300) feet to place of beginning.

C. F. SCHILLING

D. W. MC CALLEN

Filed and recorded at request of A. F. Baker July 6th, 1897,
at 10 A. M.

F. A. Chamberlin

Recorder.

Territory of Arizona

ss

County of Pinal

I, G. F. Watson, County Recorder in

and for the County of Pinal, Territory of Arizona, do hereby certify that this is a full, true, and correct copy of the "GLOBE" Mining claim, as the same appears of record in Book 15 of Mines, at page 17 thereof.

Witness my hand and seal of office this 3rd day of September

A. D. 1907

Recorder.....*G. F. Watson*.....

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

May 9, 1908.

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
Kelvin Calumet Copper Mining Company,
known as the GLOBE and ISABELLA
situate in Mineral Creek
Mining District, Pinal County,
Arizona, in Section Approx., Township No. 3 S.,
Range No. 14 E., Unsur., and designated as Survey
No. 2464, 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 ^{each of} said mining claim^s by claimant or its grantors, and
that said improvements consist of 5 shafts, 1 cut, 1 tunnel and 1
drift, total value \$14230.00

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,.....

.....May 9,....., 1908.

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.....

.....Kelvin Calumet Copper Mining Company.....

....., known as the

.....GLOBE and ISABELLA.....

situate in.....Mineral Creek.....Mining District,

.....Pinal.....County,.....Arizona.....

in Section Approx......, Township No. 3 S......, Range No. 14 E., Unsur.

....., designated as Survey No. 2464.....

executed by.....William H. Merritt....., U. S. Deputy Mineral

Surveyor, January 15 - 16....., 1908, under my instructions dated

November 8,....., 1907, 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 A. Ingalls

U. S. Surveyor-General for.....Arizona.....

