

Platted

JUN 26 1913

(4-683.)

Mineral Survey No. 3075

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF
BOSTON & JEROME COPPER CO

KNOWN AS THE

JUMBO - KANSAS TRIANGLE

VERDE Mining District.

YAVAPAI County, ARIZONA

27 & Sections 28 Uns., Township 13 N., Range 2 E.

Surveyed under instructions dated May 26, 1913

by J. WILLIAM WAARA
U. S. Deputy Mineral Surveyor

Claims located *See Location Notices*, 1

Survey commenced May 29 th., 1913

Survey completed June 12", 1913

Address

Mr. J.C. Scott, Agt.

~~Boston & Jerome Copper Co.~~

Jerome, Arizona.

SURVEY NO. 3075

JUMBO ~~ONE~~

Beginning at Cor.No.1, identical with Cor.No.1 Red Jacket Lode Sur.No.1271, and Cor.No.4 Gold Hill Lode Sur. No.1615, a slate stone 6 x 12 x 27 inches exposed, set in the ground with a substantial mound of stone alongside, chiseled J-1-3075 on south face, RJ-1-1271 on west face, and G H 4-1615 on east face with cross on top for exact corner point, from which point,
 U.S.Mineral Monument No.1 verde District, brs. N.31°-01'-40"E. 3579.07 feet.

The west 1/4 corner of Section 26, T.16 N.R.2 E. (survey unapproved), of the Gila and Salt River Base and Meridian, brs. S.85°-06'-59"E. 4939.45 feet.

The Cor.No.3 Wade Hampton Mill-site, ^{Sleeping Beauty} brs. S.83°-56'W. 72.08 feet. ^{Sur.No.593} ~~Sur.No.593~~

The Cor.No.4 of Tiger No.3 Lode Sur.No.2463, brs. N.83°-00'E. 1.3 feet.

A rock in place 4 x 5 x 3 ft. exposed, and chiseled BxR-J-1-3075, brs. S.51°-53'E. 27.20 feet.

No other bearings available.

Feet Thence S.24°-36'W.
 325.0 Cross United Verde Copper Co's pipe line, bears from east to west.

1425.70 Cor.No.3 of Gold Hill Lode Sur.No.1615, and Cor.No.4 Climax Lode, same survey.

1500.0 To COR.NO.2, identical with N.E. Corner Jumper Lode, unsurveyed, a limestone 6 x 10 x 30 inches long set 12 inches in the ground with a substantial mound of stone alongside, chiseled J-2-3075 on N.W. face with cross on top for exact corner point, from which point,

A juniper tree four inches in diameter and scribed BxT-J-2-3075, brs. S.1°-18'W. 46.68 ft.

No other bearings available.

7.64 Thence S.64°-19'W.
 Intersect line 3-4 Climax Lode Sur.No.1615, S.28°-00'W.
 (1)

300.0 82.32 ft. from Cor. No.4. South Center end, a mound of stone, identical with north center end of Jumper Lode, unsurveyed.

513.0 Cross trail bears northeast to southwest.

581.0 TO COR.NO.3, identical with Cor.No.2 Kansas Lode of this survey, also the N.W.corner of Jumper Lode, and N.E.corner Mohawk Lode, both unsurveyed; a limestone 4 x 12 x 24 inches long set 12 inches in the ground with a substantial mound of stone alongside, chiseled J-3-3075 on N.E.face and K-2 on N.W.face, with cross on top for exact corner point, from which point,

A rock in place in center of trail above mentioned and chiseled BxR-J-3, K-2, 3075 brs. S.39°-25'E. 52.05 ft.

No other bearings available.

Thence N.24°-36'E.

291.00 Cross trail above mentioned, bears north to south.

1500.00 TO COR. NO.4, identical with Cor. No.1 Kansas Lode and Cor.No.2 Triangle lode of this survey, and Cor.No.4 Red Jacket Lode Sur.No.1271, a sandstone 6 x 12 x 24 inches exposed, set in the ground with a substantial mound of stone alongside; chiseled J-4 on south face, K-1-3075 on west face, T-2 on northwest face and R J-4-1271 on northeast face with cross on top for exact corner point, from which point,

Cor.No.3 Red Jacket Lode Sur.No.1271 brs.

N.25°-44'W. (distance not measured)

No bearings available.

Thence N.64°-19'E.

60.00 Under telephone line (no wires).

239.0 Cross United Verde Copper Co's pipe line, bears southeast to northwest.

281.00 North Center End, a mound of stone.

581.00 To place of beginning.

All corners are identical with their respective locations. Variation at all corners 14°-30' east.

KANSAS LODE

Beginning at Cor.No.1, previously described, from which point, being identical with Cor.No.4 Jumbo Lode of this survey: U.S.Mineral Monument No.1 Verde District, bears N.35°-30'-50"E. 4077.24 feet.

- feet Thence S.24°-36'W.
- 1209.0 Cross trail as heretofore mentioned.
- 1500.00 TO COR.NO.2, previously described, identical with Cor.No.3 Jumbo Lode of this survey.
Thence N.65°-24'W.
- 91.0 Cross under telephone line bears northeasterly, (no wires)
- 246.8 South Center End, a mound of stone, identical with north center end Mohawk Lode, unsurveyed.
- 330.0 Cross under telephone line, bears northeasterly.
- 546.8 TO COR.NO.3, identical with S.E. Corner of Boston Lode, the N.E. corner of Philadelphia Lode and N.W. corner of Mohawk Lode, all unsurveyed, limestone 6 x 12 x 24 inches long set 12 inches in the ground with a substantial mound of stone alongside; chiseled K-3-3075 on northeast face with cross on top for exact corner point.
- No bearings available.
Thence N.24°-36'E.
- 375.0 Cross gulch, flows northeasterly.
- 948.0 Cross under tower line of the Arizona Power Co., bears south west to northeast.
- 1339.07 Intersect line 2-3 of Triangle Lode of this survey, N.81°-48'W. 569.99 feet from Cor. No.2 Triangle lode.
- 1500.00 TO COR. NO.4, identical with N.E. corner of Boston Lode, unsurveyed, a limestone 4 x 10 x 26 inches long set 12 inches in the ground with a substantial mound of stone alongside; chiseled K-4-3075 on south face with cross on top for exact corner point.
- No bearings available.
Thence S.65°-24'E.
- 35.00 cross road brs. north and south.
- 138.0 Cross trail, bns northeast to southwest.
- 148.0 Cross gulch flows northeasterly.

158.0 Cross under tower line of the Arizona Power Co., bears southwest to northeast.

300.00 North Center End, a mound of stone.

486.8 Cross under telephone line bears northwesterly.

546.8 To the place of beginning.

All corners are identical with their respective locations. Variation at all corners 14°-30' east.

TRIANGLE LODE

Beginning at Cor. No. 1, identical with Cor. No. 2 of

Enchanter No. 2 Lode Sur. No. 2809, on line 3-4 Red Jacket

Lode Sur. No. 1271; a limestone 6 x 12 x 12 inches exposed,

set in the ground with a substantial mound of stone along

side; chiseled T-1-5075 on west face, E 2-2-2809 on north

face with cross on top for exact corner point, from which

point,

U. S. Mineral Monument No. 1 Verde District, brs.

N. 43°-03'-24"E. 3834.25 feet.

Sur. No. 281/

Cor. No. 2 Fureka Millsite, brs. N. 86°-41'E 149.2

feet. From this corner, Cor. No. 4 Wade Hampton Millsite, Sur.

bears northerly 67.0 feet.

Cor. No. 3 Enchanter No. 2 Lode Sur. No. 2809 brs.

N. 83°-29'W. 800.92 feet, being identical with Cor. No. 1 Enchanter No. 1 Lode of same survey.

No bearings available.

Thence S. 35°-44'E. 70.2881

121.0 Cross road brs. northeast to southwest.

169.0 Cross under tower line of the Arizona Power Co., bears southwest to northeast.

213.00 Cross United Verde Copper Co's pipe Line, bears southwest to northeast. Crosses gulch southwesterly 50 feet.

250.0 Cross gulch, flows northeasterly.

264.0 Cross United Verde Copper Co's pipe Line, bears northeast to southwest.

299.1 East Center End, a mound of stone.

508.0 Cross under telephone line, bears northeasterly.

- 574.1 TO COR. NO.2, previously described, identical with Cor.No. 1 Knasas Lode and Cor.No.4 Jumbo Lode of this survey. Thence N.81°-48'W.
- 65.0 Cross under telephone line bears northeasterly.
- 390.0 Cross trail bears Northeast to southwest.
- 442.0 Cross under tower line of the Arizona Power Co., brs. southwest to northeast.
- 470.0 Cross gulch, flows northeasterly.
- 569.99 Intersect line 3-4 Kansas lode of this survey, identical with the east side line Boston Lode, unsurveyed, S.24°-36'W. 160.93 feet from Cor. No. 4, and N.E. Cor. respectively. Said N.E. Cor. Boston lode brs. S.65°24'E. 596 ft. from N.W. Cor. thereof.
- 756.0 Cross trail bears southwesterly.
- 1191.27 Intersect the west side line of the Boston Lode unsurveyed S.24°-36'W. 336.34 feet from the northwest corner of said claim. The west side line of the Boston lode is identical with the east side line of the Leland Lode, unsurveyed, and the N.E. Cor. Leland lode, identical with N.W. Cor. Boston Lode.
- 1531.8 TO COR. NO.3, a limestone 6 x 12x 24 inches long set 12 inches in the ground with a substantial mound of stone alongside; chiseled T-3-3075 on north face with cross on top for exact corner point, from which point,
The southwest corner location monument brs. N.81°-48'W. 179.0 feet. A monument of stone three foot base and two feet high.
No bearings available.
Thence N.25°-44'W.
- 216.5 West Center End, a mound of stone, from which point the west center end location monument brs. N.59-40'W. 92.0 ft., being a mound of stone 2 foot base and three feet high.
- 230.0 Intersect line 2-3 of Enchanter No.1 lode Sur.No.2809, N.74°-57'W. 167.59 feet from the point for cor.No.2
- 354.82 Intersect the west side line of Leland Lode, unsurveyed, S.24°-36'W. 205.07 feet from the N.W. corner.
- 310.7 TO COR. NO.4, a limestone reef flush with the ground 3 x 2 x 0.5 feet exposed, with a substantial mound of stone on top; chiseled T-4-3075 with cross on top for exact corner point, from which point,
A rock in place 4 x 2 x 4 feet exposed and chiseled BxR-T-4-3075 on north face, brs. N.43°-06'E. 23.7 feet.
The northwest corner location monument, a mound of

stone three foot base and two and one half feet high, brs.
N.38°-39'W. 28.9-feet.

No other bearings available.

Thence S.83°-49'E.

126.47 Intersect the west side line of the Leland Lode, unsurveyed,
S.24°-36'W. 65.62 feet from the N.W. corner.

334.19 Intersect the north end line of the Leland Lode, unsurveyed,
and
N.65°-24'W. 402.52 feet from the N.E. corner, 254.02 ft. from
its intersection with line 1-2 Enchanter No.1 Lode Sur.No.2908;
S65°-24'E. 197.08 feet from the N.W. corner.

689.25 Intersect line 1-2 Enchanter No.1 Lode Sur. No.2809; N61°-
and
03'W. 458.85 feet from the point for Cor.No.2; 139.45 ft. from
its intersection with north end line Leland Lode, unsur; S61°-03'W.
8.50 feet from Cor.No.1.

1342.0 Cross trail bears east and west.

1393.0 Cross trail bears north and south.

1497.11 To the place of beginning.

All corners are identical with their respective

locations except where otherwise mentioned. variation at
all corners 14°-30' East.

LODE LINES

As near as can be determined from the present
developements, the veins on the respective lodes extend
as follows from their discoveries:

Jumbo Lode.

N.24°-36'E. 65.0 feet, and S.24°-36'W. 1435.0 feet.

Kansas Lode

N.24°-36'E. 515.0 feet, and S.24°-36'W. 985.0 feet

Triangle Lode

S.83°-39'E. 313.0 feet and N.83°-39'W. 1186.9 ft.

AREA

	Acres	Acres
Total area Jumbo Lode		12.784
Area In conflict with Climax Lode Sur. No.1615	0.004	
Total area Kansas Lode		18.829
Area in conflict with Triangle Lode this survey		1.610

	Acres	Acres
Total area Triangle Lode - - - - -		15.819
Area in conflict with		
Enchanter No.1 Lode Sur.		
No. 2809 - - - - -	2.498	
Boston Lode unsurveyed - -	3.402	
Leland Lode Unsurveyed - -	4.728	
Common conflict of Enchanter No.1 Lode Sur. No. 2809 and Leland Lode, unsurveyed, with Triangle Lode of this survey		1.978

LOCATION

This survey is located within the Prescott National Forest, in ~~the west half of Sec. 27 (unsurveyed) and/~~ approximately the center of the east 1/2 of the east 1/2 of section 28, (unsurveyed) T.16 N.R.2 E. of the Gila and Salt River Base and Meridian, in the Verde Mining District, Yavapai County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon, for the benefit of each of the locations embraced in said mining claims, by the claimant or its grantors is not less than five hundred dollars, and that said improvements consists of:

Jumbo Lode

No.1 Discovery cut and tunnel, the mouth of cut bears S.24°-36'W. 65.0 feet from the North Center End, four feet wide running S.64°-00'W. 20.0 feet to breast of cut 11.0 feet high and mouth of tunnel, 4x6^{ft}, running S.77°-53'W. 56.2 ft. to sta. No.1, thence S.64°-00'W. 129.4 feet to Sta. No.2, thence S.71°-36'W. 54.1 feet to sta. No.3, thence S.75°-00'W. 20.6 feet to breast of tunnel, having a total length of cut 20 ft. and tunnel 260.3 ft.

Value of Cut \$100.00
 " " Tunnel \$2603.00

Of the above improvement No.1, is to be credited undivided/ to this claim an equal/one eleventh interest as set forth

under heading "Common Improvement" hereinafter mentioned.
Value \$245.72

To be credited to this claim is an equal undivided one eleventh interest in workings of improvement No.2 shaft of Triangle Lode, as set forth under heading "Common Improvements" hereinafter mentioned.

Value \$177.28

To be credited to this claim is an equal undivided one half interest in workings of improvement No.2, Kansas Lode, as set forth under heading "Common Improvements" hereinafter mentioned

Value \$340.00

Kansas Lode

No.1 Discovery cut, the center of which brs. S.24°-36'W. 515.0 feet from the North Center End, 4x20x11 foot face, running S.50°E.

Value \$100.00

No.2 Open Cut and tunnel, the mouth of tunnel, brs. S.12°-50'W. 680.0 feet from Cor.No.4, cut 4x18x12 foot breast, tunnel 4x6^f running S.50°E. 50.0 ft. to breast.

Value Cut \$100.00
Tunnel 500.00

Of the above improvement No.2, is to be credited to this claim an equal undivided one half interest as set forth under heading "Common Improvements"

Value \$340.00

No.3 Open Cut and tunnel, the mouth of tunnel brs. N.38°-00'W. 520.0 feet from Cor. No.2, cut 4x40x14 foot breast, tunnel 4x6^f running southerly 90 feet to breast, is inaccessible and caved.

Value Cut \$430.00
Tunnel 900.00

Of the above improvement No.3, is to be credited to this claim an equal undivided one fourth interest as set forth under heading "Common Improvements".

Value \$332.50

No.4 Open Cut, the mouth of which brs. S.53°W. 35.0 feet from Cor. No. 1, 4x10x6 foot breast (caved)

value \$50.00

No.5 Open Cut, the mouth of which brs. N.70°-00'W. 471.0 feet from Cor.No.1, 4x10x10 foot breast.

Value \$75.00

To be credited to this claim is an equal undivided one eleventh interest in workings of improvement No. 2 shaft of Triangle Lode, as set forth under heading "Common Improvements".

Value \$177.28

To be credited to this claim is an equal undivided one eleventh interest in workings of improvement No. 1 cut and tunnel Jumbo Lode, as set forth under heading "Common Improvements".

value \$245.72

Triangle Lode

No. 1 Discovery Location Monument, which hrs. N. 83° - 39' W. 313 feet from East Center End.

No. 2 Shaft, 4x8x130 feet deep (vertical), the center of which hrs. S. 28° - 50' W. 322.0 ft. from Cor. No. 1

Value \$1950.00

Of the above improvement No. 2 is to be credited to this claim an equal undivided one eleventh interest as set forth under heading "Common Improvements".

value \$177.28

No. 3. Cut and Tunnel, the mouth of cut, hrs. N. 53° W. 455.0 feet from Cor. No. 2, cut 4x53x10 foot breast, tunnel 4x6^{ft} running N. 64° W. 35.0 ft.

Value cut \$150.00

Tunnel \$350.00

Total \$500.00

To be credited to this claim is an equal undivided one eleventh interest in workings of improvement No. 1 cut and tunnel Jumbo Lode, as set forth under heading "Common Improvements".

value \$245.72

COMMON IMPROVEMENTS

Improvement No. 1, tunnel on Jumbo Lode was run as a deep level tunnel in a direction that would tend to develop the whole group of eleven claims owned by the Boston & Jerome Copper Company. This tunnel starts at about the lowest favorable point for a tunnel on the group and attains an increasing greater depth from the surface, in its course toward the higher claims where it would

reach a depth of five hundred to one thousand feet. This tunnel would serve a more practical means of working the group than shafts at higher elevations on the respective claims, and owing to the precipitous slopes would give more economical results in mining operations. I consider the above mentioned workings to be an improvement of such character as to redound to the benefit of all the claims mentioned below; Jumbo, Kansas and Triangle of this survey, and Boston, Leland, Chicago, St. Paul, Belmont, Philadelphia, Mohawk, and Jumper mining claims, all owned by the Boston and Jerome Copper Company, and located on the 20th. day of June, 1907.

Total Value	\$2703.00
One eleventh equal undivided interest	\$245.73

Improvement No. 2, tunnel on Kansas Lode, is a higher level tunnel than the one above mentioned, and runs to cross-cut the Kansas and Jumbo Lodes. It is about 125 feet higher than the first mentioned tunnel, and would cross the center of the Kansas Lode at a depth of 125 feet, and the center of the Jumbo lode at a depth of 350 feet. It is far more accessible, and attains a greater length and depth than could be had, if the same development plan were attempted from the Jumbo lode itself. Owing to Tunnel No. 3 of Kansas Lode having practically the same elevation starting level, but several hundred feet closer to the south extension of the Jumbo Lode, I do not consider that this No. 2 tunnel could be considered as developing and benefiting the Jumper or any other lode of the group other than mentioned. I consider the workings of No. 3 tunnel to be of such character as to redound to the benefit of the Kansas and Jumbo lodes only.

Total Value	\$680.00
One half equal undivided interest	\$340.00

Improvement No. 3 tunnel Kansas lode, was run with the idea of developing the three nearest claims being the extension

of the Kansas Lode and ~~the~~ two adjoining claims to the east and west. In going southw~~erly~~ along the course of this tunnel, the mountain rises with a very steep slope, and thus the tunnel would cut the end line of the Kansas lode at a depth of 250 to 300 feet, attaining a depth of about 700 feet at the crest of the mountain near the center of Jumper, Mohawk and Philadelphia mining claims. This is a greater depth than could be gained by sinking of shafts at the same initial costs, and operations for further development would be reduced to a more economical basis. I do not consider this improvement to be favorable toward the development of the other claims lying above it, for the reason that more favorable tunnel sites can be found for their development. I consider the workings of No. 3 to be of such character as to redound to the benefit of the Kansas, Jumper, Mohawk, and Philadelphia mining claims

Total value \$ 1330.00

One fourth equal, undivided interest 332.50

Improvement No. 3, shaft, Triangle lode is about 25 feet higher at the collar than the mouth of the deep level tunnel on the Jumbo Lode. This shaft was started with the idea of further development of the group from still lower levels than could be done by tunnels. At the time this shaft was started, it was intended to sink it several hundred feet deep and then drift and cross-cut, thus developing the whole group of eleven claims. The present plan of the company is to center all operations on this shaft. It affords the best method of opening up ore bodies and at its present depth of 130 feet, should be taken as a common improvement. I consider the workings of No. 3 shaft to be of such character as to redound to the benefit of the Jumbo, Kansas, and Triangle lodes of this survey, together with the Jumper, Mohawk, Philadelphia, Belmont, St. Paul, Chicago, Leland, and Boston lodes, unsurveyed.

Total Value 1950.00

One eleventh equal undivided interest - - - - -\$177.28

OTHER IMPROVEMENTS

A frame house, 13 x 35 ft. the N.W. corner of which bears S. 28° - 50' W. 110.0 ft. from Cor. No. 1, Triangle Lode.

About 400 feet of road extends across the east end of Triangle Lode.

ADJOINING CLAIMS

Jumbo Lode

On the north by Red Jacket Lode, Sur. No. 1271, United Verde Copper Company, claimant.

On the east by the Gold Hill, and Climax Lodes, Sur. No. 1615, unknown claimants.

On the south by the Jumper Lode, unsurveyed, Boston & Jerome Copper Company, claimant.

Kansas Lode.

On the south by the Mohawk Lode, unsurveyed, Boston & Jerome Copper Company, claimant.

On the west by the Boston Lode, unsurveyed, Boston & Jerome Copper Company, claimant.

Triangle Lode.

On the south by the Boston, Leland lodes, unsurveyed, Boston & Jerome Copper Company, claimant.

On the west by the Enchanter No. 1 Lode, Sur. No. 2809, United Verde Copper Company, claimant.

On the north, by the Enchanter No. 2 Lode, Sur. No. 2809, United Verde Copper Company, claimant.

On the east by the Red Jacket Lode, Sur. No. 1271, United Verde Copper Company, claimant.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit-theodolite, No. 13-5939. The courses were deflected from the true meridian, as determined by observations by the use of the Saegmuller Solar Attachment. The distances

were measured with a 150-foot and 300.00^{foot/} steel tape.

REPORT

U.S.M.M.No.1 Verde District, was a stone set in the ground, but now replaced by pipe fitted with brass cap. The stone stands alongside new marker, both of which were marked U.S.M.M.No.1 V.D. A post 4x4^{ins} set in a mound of stone, six foot base and four feet high, stands alongside.

The west 1/4 corner of section 26, T.16 N.R.2 E. is a standard pipe and cap corner, properly set, and dated 1913

Survey No.1271, Red Jacket Lode.

All corners are stones properly set and chiseled with the number of the corner and survey. I do not agree with the courses and distances of lines 1-4 and 3-4 of this survey, and its tie to U.S.M.M.No.1 V.D.

Survey No.2809, Enchanter No.1 and Enchanter No.2 Lodes

All corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey, with Enchanter No.1 Lode,

the exception of Cor.No.2, which could not be found. The bearing rock was located, it being chiseled BxR, E1-3-2809.

The point for corner No.2 was determined from calls in the official records of Sur.No.2809. I do not agree with the courses and distances of; lines 2-3 Enchanter No.2 Lode and its tie to U.S.M.M.No.1 V.D.; lines 1-2 Enchanter No.1 Lode and its tie to U.S.M.M.No.1 V.D.

Survey No.1615 Gold Hill and Climax Lodes.

All corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey, with the exception of N.W. Corner of the Climax Lode, which corner although of record identical with Cor.No.3, Gold Hill Lode, I could not identify. I do not agree with the course and distance of lines 3-4 Gold Hill Lode nor its tie to U.S.M.M.No.1 V.D.

I have noted in plat and field notes, the position of & Sleeping Beauty and Eureka Mill-site, Sur.No.281/, Wade Hampton, Mill-site Sur.No.593, /relative to this survey and do not agree with the calls in the official records of Sur.No.593, and Sur.No.281 respectively.

These discrepancies are due to errors in the returns

of the prior surveys herein mentioned.

The discrepancies found existing between the claims as marked by location monuments and as described in the location notices, are due to errors in the locations notices.

William W. Bass
U.S. MINERAL SURVEYOR

REPORT CONTINUED

& Sleeping Beauty

Wade Hampton Mill-site Sur. No. 583

are/ Corners No. 3 and 4/ stones properly chiseled with number of the corner (and survey), but are not set in the ground. They lie near and in mounds of stone where found.

Eureka Mill-site Sur. No. 281.

Corner No. 2 is a stone properly chiseled with the number of the corner, and is lying on the ground near a mound of stone.

Jumper, Mohawk, Philadelphia, Boston, Leland and Chicago lode claims unsurveyed.

All corners of these claims, adjoining this survey, are substantial mounds of stone, having two feet base and two feet high.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA

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

BOSTON & JEROME COPPER CO.

known as the JUMBO, KANSAS & TRIANGLE

and showing the respective capacities in which they acted.

J. W. Tolford, Chainman.

J. W. Laird, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. W. Tolford

and J. W. Laird, do solemnly swear that we assisted

J. WILLIAM WAARA, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of BOSTON & JEROME COPPER COMPANY

known as the JUMBO, KANSAS AND TRIANGLE

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

J. W. Tolford, Chainman.

J. W. Laird, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 12th

day of June, 1913.

N. F. Orloff

Notary Public.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated MAY 26, 1913, 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 BOSTON AND JEROME COPPER COMPANY, known as the JUMBO, KANSAS, AND TRIANGLE, situate in VERDE Mining District, YAVAPAI County, ARIZONA, in Sections 27 & 28 Uns., Township No. 16 N., Range No. 3 E., and designated as Survey No. 3075, 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.

J. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA
U. S. Mineral Surveyor, before me a Notary Public
this 21st
day of June, 1913

My commission expires
6-1044 Apr 15, 1915

E. P. Horne
Notary Public

Relocation
Notice of Mining Location
Lode Claim.

MAY 26 1913

To All Whom It May Concern:

This Mining Claim, the name of which is the Kansas 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 purposes of exploration and purchase by Boston & Jerome Copper Co. the undersigned, on the 20 day of June 1907.

The length of this claim is 1500 feet, and we claim 500 feet, in a Northerly direction and 1000 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 4500 in a S.W. direction from United Verde Smelter.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument at a point in a Northerly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence S 65° 30' E 300 feet to a monument, being the N.E. corner of said claim and identical with corner No 4 survey 1271; thence S 24° 30' W 1500 feet to a monument, being at the S.E. corner of said claim; thence N 65° 30' W 300 feet to a monument at the center of the South end of said claim; thence N 65° 30' W 300 feet to a monument, being at the S.W. corner of said claim; thence N 24° 30' E 1500 feet to a monument at the N.W. corner of said claim; thence S 65° 30' E 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, 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 20 day of June 1907.

Boston & Jerome Copper Co.

Filed and recorded at request of J.C.Scott, Sept.16,A.D. 1907, at 9:10 o'clock A.M., Book 83 of Mines, page 12, Records of Yavapai County, Arizona.

(Seal)

J.C.Bradbury, County Recorder.

By A.C.Gilmore, Deputy Recorder.

Relocation

Notice of Mining Location

Lode Claim

To All Whom It May Concern:

This Mining Claim, the name of which is the Jumbo 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 purposes of exploration and purchase by Boston & Jerome Copper Co. the undersigned, on the 20 day of June 1907.

The length of this claim is 1500 feet, and we claim 100 feet, in a Northerly direction and 1400 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 4000 ft in a S.W. direction from United Verde Smelter.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at at stone monument, S 64° 18' W 300 ft from Cor No 1 of survey 1271 and at a point in a Northerly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence N 64° 18' E 300 feet to a monument, being the N.E. corner of said claim; thence S 24° 30' W 1500 feet to a monument, being at the S.E. corner of said claim; thence S 64° 18' W 300 feet to a monument at the center of the South end of said claim; thence S 64° 18' W 300 feet to a monument, being at the S.W. corner of said claim; thence N 24° 30° E 1500 feet to a monument at the N.W. corner of said claim; thence N 64° 18' E 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, 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 20 day of June 1907.

Boston & Jerome Copper Co

Filed and recorded at request of J.C.Scott, Sept, 16, A.D. 1907, at
9:10 o'clock A.M., Book 83 of Mines, page 14, Records of Yavapai County,
-Arizona.

(Seal)

J.C.Bradbury, County Recorder.

By A.C.Gilmore, Deputy Recorder.

Relocation.
Notice of Mining Location
Lode Claim

To All Whom It May Concern:

This Mining Claim, the name of which is the Triangle 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 purposes of exploration and purchase by Boston & Jerome Copper Co. the undersigned, on the 20 day of June 1907.

The length of this claim is 1500 feet, and we claim 500 feet, in a East-erly direction and 1000 feet in a Westerly 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 East to the West.

The claim is situated and located in the Verde Mining District, in Yavapai County, in the Territory of Arizona, about 4000 ft. in a S.W. direction from the United Verde Smelter

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument, it being on line 3-4 of Red Jacket lode survey 1271 at a point in an Easterly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence Southerly 300 feet to a monument, being the S.E. corner of said claim; thence Westerly 1500 feet to a monument, being at the S.W. corner of said claim; thence Northerly 300 feet to a monument at the center of the West end of said claim; thence Northerly 300 feet to a monument, being at the N.W. corner of said claim; thence Easterly 1500 feet to a monument at the N.E. corner of said claim; thence Southerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, 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 20 day of June 1907.

Boston & Jerome Copper Co.

Filed and recorded at request of J.C.Scott, Sept.16,A.D.1907, at 9:10 o'clock A.M., Book 83 of Mines, page 17, Records of Yavapai County, Arizona.

(Seal)

J.C.Bradbury, County Recorder.

By A.C.Gilmore, Deputy Recorder.

STATE OF ARIZONA,)
 :SS.
 COUNTY OF YAVAPAI.)

I, L.S. Colwell, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same is a full, true and correct copy of the Notices of the Kansas Lode Mining Claim, filed for record on Sept. 16, A.D. 1907, at 9:10 o'clock A.M. and as the same appears of record in my office in Book 83 of Mines, at page 12; The Jumbo Lode Mining Claim, filed for record on Sept. 16, A.D. 1907, at 9:10 o'clock, A.M. and as the same appears of record in my office in Book 83 of Mines, at page 14, and the Triangle Lode Mining Claim filed for record on Sept. 16, A.D. 1907, at 9:10 o'clock A.M. and as the same appears of record in my office in Book 83 of Mines, at page 17, and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

Official Seal this 24th day of May, A.D. 1913.

L. S. Colwell
 County Recorder.

By W. J. King
 Deputy Recorder.



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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

December 8, 1913.

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 Boston & Jerome Copper Co.,
, known as the JUMBO, KANSAS, TRIANGLE
, situate in Verde
Mining District, Yavapai County,
Arizona, in Sections 27 & 28, Uns, Township No. 16 N,
Range No. 2 E., and designated as Survey
No. 3075, 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 for each of
or improvements made upon said mining claim by claimant or its grantors, and
that said improvements consist of 7 cuts, 4 tunnels and 1 shaft, total
value \$7388, \$4381.50 of which is reserved for other claims.
Improvement No. 1 on the Jumbo lode, value \$2703, and improvement
No. 2 on the Triangle lode, value \$1950, are common improvements
for the benefit and development of this group of three claims and
the Jumper, Mohawk, Philadelphia, Belmont, St. Paul, Chicago, Leland
and Boston lodes, unsurveyed, and an undivided 1/11 interest in each
of said improvements, value \$245.72 and \$177.28, respectively, is properly
credited to each of said eleven claims. The value of improve-
ment No. 2 on the Kansas lode, value \$680, which benefits only said
Kansas and the Jumbo lode, is properly apportioned between said two
claims, and the value of improvement No. 3 on the Kansas lode, value
\$1330, which is a common improvement for the benefit and development
of said Kansas lode and the Jumper, Mohawk and Philadelphia lodes, un-
surveyed, is properly equally distributed among said four claims,
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,

December 8, 1913.

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

Boston & Jerome Copper Co.,

, known as the

JUMBO, KANSAS, TRIANGLE

situate in Verde mining district,

Yavapai County, Arizona

in Section S. 27 & 28 Uns., Township No. 16 N., Range No. 2 E.

, designated as Survey No. 3075

executed by J. William Waara, U. S. Deputy Mineral

Surveyor, May 29 - June 12, 1913, 190, under my instructions dated

May 26, 1913, 190, 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 J. Ingalls

U. S. Surveyor-General for Arizona.