

4-683

MINERAL SURVEY No. 3596

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Julian Kennedy, Jr.

KNOWN AS THE

BUNKER HILL Lode

Mineral Creek Mining District,

Pinal County, Arizona.

Section 12, Township 3 South, Range 13 East Unapp'd.

Surveyed under instructions dated June 19th, 1919.

by Harry E. Jones, U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced July 1st, 1919.

Survey completed July 4th, 1919.

Address of claimant Richard E. Sloan Att'y. 405 Fleming Bldg. Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

See location notice.

Feet	Beginning at Cor.No. 1
	Identical with location monument:
	On line 1-2 Calumet lode Sur. No. 2465.
	A 3½ft. ½in. pipe, with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3596-BH-1; set 20 in. in ground with a substantial mound of earth and rock around it.
	U. S. Mineral Monument No. 2718; bears S.87°49'W.4994.82ft.
	The ¼ Sec. corner common to Sections 11 and 12; T. 3 S.
	R. 13 E. Unapp'd. bears N.24°55'W. 437.26 ft.
	Cor.1 Queen Lil lode Sur.No.2465 bears S.6°01'E. 2.25 ft.
	Cor.1 Calumet lode Sur.No.2465 bears S.6°01'E. 125.12 ft.
	No other bearings available.
	Thence N. 6° 01' W.
	Along line 1-2 Calumet lode Sur.No. 2465.
660.00	Cross road bears NW and SE.
665.60	Intersect ½in. pipe line. <i>NW &amp; SE</i> .
685.00	Cross portal of cut and tunnel.
950.00	Intersect ½in. pipe line. <i>NW &amp; SE</i> .
1068.00	Cross center 20 ft. wash course SW.
1376.82	Intersect Cor.2 Calumet lode on line 1-4 Granite lode both of Sur.No.2465; whence Cor.1 Granite lode bears N.83°04'E. 54.84 ft.
1500.00	To Cor. No. 2
	Whence the location monument bears N.6°01'W. 1.70 ft.
	A 3½ft. ½in. pipe, with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO. 3596-BH-2; set 20 in. in ground and surrounded with a substantial mound of earth and rock.
	Cor. 1 Granite lode Sur.No.2465; bears S.30°10'E. 134.03ft.
	No other bearings available.
	Thence N. 75° 16' E.
53.33	Intersect line 1-2 Granite lode Sur.No.2465; whence Cor.1 bears S.6°57'E. 130.40 ft.
300.00	To North End Center
	Identical with location monument; a substantial mound of stone.
600.00	To Cor. No. 3

feet Whence the location monument, bears N.75°16'E. 0.81 ft.  
 A 3½ft. ¼in. pipe, with a 2in. round screw brass cap marked  
 U.S. MINERAL SURVEY NO. 3596-BH-3; set 20ins. in ground and  
 surrounded with a substantial mound of earth and rock.  
 No bearings available.  
 Thence S. 6° 01' E.  
 30.00 Cross center of 20 ft. wash course SW.  
 1364.00 Cross center of 20 ft. wash course SW.  
 1500.00 To Cor. No. 4  
 Identical with location monument.  
 A 3½ft. ¼in. pipe, with a 2in. round screw brass cap marked  
 U.S. MINERAL SURVEY NO. 3596-BH-4; set 20ins. in ground and  
 surrounded with a substantial mound of earth and rock.  
 No bearings available.  
 Thence S. 75° 16' W.  
 130.00 Cross center of 20 ft. wash course SW.  
 300.00 To South End Center  
 Identical with location monument, a substantial mound of  
 stone.  
 600.00 To Cor. No. 1 the place of beginning.

Variation at all corners 14°15' E.

LODE LINE

As near as can be determined from the present developments  
 the vein extends as follows from the discovery point:  
 S. 6° 01'E. 205.0 ft. and N. 6°01' W. 1295.0 ft.

AREA

Total area Bunker Hill lode 20.422 Acres  
 Area in conflict with  
 Granite lode Sur.No. 2465 0.156 Acres

LOCATION

This survey is located in the W½ of Section 12; T. 3 S.  
 R. 13 E. Unapp'd. G&SRB&M. Mineral Creek Mining District.  
 Pinal, County, Arizona.

## EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or his grantors is not less than Five Hundred dollars, and that said improvements consist of:

No. 1 Dis. cut 3x30x3 ft. face, runs E. and W. bears N.6°01'W. <sup>205 ft.</sup> from the South End Center.

Value \$ 150.00

No. 2 cut 4x10x5 ft. face, faces SW. bears N.16°33'W. 121 ft. from the South End Center.

Value \$ 75.00

No. 3 cut 4x49x3 ft. face, runs E&W. shaft 4x6x26 ft. deep at E. end of cut; bears N.41°31'W. 220 ft. from the South End Center.

Value \$ 505.00

No. 4 cut 5x15x16 ft. face, faces W. shaft in cut 4x6x29 ft. deep and tunnel from cut bears N.24°E. 4x6x33ft. and from the 12 ft. point in this tunnel; a tunnel bears N.47°E. 4x6x35 ft. thence N.29°E. 4x6x30 ft. thence N.8°E. 4x6x29.3 ft. thence N. 36°E. 4x6x58 ft. Bears S.12°40'E. 153 ft. from 401.74 ft. point on line 1-2:

Value \$ 2388.00

No. 5 cut 12x12x10 ft. face, faces W. shaft at E. end of cut 4x6x40 ft. deep, bears S.69°53'E. 187.8 ft. from 401.74 ft. point on line 1-2.

Value \$ 790.00

No. 6 cut 4x24x3 ft. deep runs E&W. at the E. end of which an open cut or shaft 14x14x14 ft. deep; from which a tunnel 4x6x24 ft. long bears S. also a tunnel 4x6x45 ft. long bears E. Bears S. 75°26'E. 150.8 ft. from the 401.74 ft. point on line 1-2.

Value \$ 1230.00

No. 7 cut 6x38x10 ft. deep runs N&S. bears N.87°52'E. 99.1 ft. from the 401.74 ft. point on line 1-2.

Value \$ 570.00

No. 8 cut 7x24x10 ft. deep runs E&W. tunnel from E. end cut runs E. 4x6x12 ft. long; and runs S. 4x6x19 ft. long. bears N.45°27'E. 111.2 ft. from the 401.74 ft. point on line 1-2.

Value \$ 670.00

No.9 timbered shaft 4x9x330 ft. deep; at the 192 ft. level in this shaft a drift bears N.50°W. 4x6x40 ft. to where it is caved in and in-accessible; at the 30 ft. point in this drift a cross-cut bears S.40°W. 4x6x20ft., at the 192 ft. level a drift bears S.50°E. 4x6x25 ft. to where it is bulk-headed up for water and is in-accessible, *bears N.20°16'E. 161.8ft from the 401.74 ft. point on line 1-2* . Value . \$ 9525.00

No.10 cut 5x9x12 ft. face, faces W. and tunnel runs E. 4x6x18 ft. long. bears N.6°01'W. 685.0ft. from Cor.No.1 Value. \$ . 270.00

No.11 cut 5x20x12 ft. face, faces NW. and tunnel bears S.42°15E. 4x6x184 ft. long. bears S.21°05'E. 219.4 ft. from the 1301.70 ft. point on line 1-2. Value \$ 1940.00

#### OTHER IMPROVEMENTS

A spring concreted and boxed up for domestic water, bears S.6°01'E. 265 ft. from the North End Center.

A corrugated iron building 12x24 ft. and used as a blacksmith and carpenter shop bears N.34°57'E. 168.0ft. from the 401.74 ft. point on line 1-2.

A corrugated iron building 20x24 ft. and used as an engine and hoist house bears N.34°57'E. 137.0ft from the 401.74 ft. point on line 1-2.

A frame house 14x32 ft. bears N.63°20'W. 180.0ft. from the South End Center.

A frame house 14x32 ft. bears N.80°10'W. 268.0ft. from the South End Center.

#### ADJOINING CLAIMS.

This survey is bounded on the North by the Granite lode Sur.No.2465; and Public land; on the East by Public land, on the South by ~~the Queen Lil lode Sur.No.2465~~ and Public land; and on the West by the Calumet and Granite lodes both of Sur.No. 2465.

## INSTRUMENT

This survey was made with a light mountain W.&L.E.Gurley Transit.

The courses were deflected from a true meridian which was determined by direct sun observations on July 1st. and 4th. 1919.

The distances were measured with 50 and 600 ft. steel tapes.

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REPORT

All lines of this claim and tie lines in connection with this survey were run directly upon the ground and the corners established by direct measurements upon these lines.

The  $\frac{1}{4}$  section corner to which this survey is tied has been damaged by bending over even with the surface of the ground the foot or so of the pipe which was left above the ground. My tie to this corner is taken to the center of the pipe at the surface of the ground.

*Harry E. Jones*  
U. S. Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,  
 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 \_\_\_\_\_  
 \_\_\_\_\_ Julian Kennedy, Jr. \_\_\_\_\_  
 known as the \_\_\_\_\_ BUNKER HILL Lode \_\_\_\_\_  
 and showing the respective capacities in which they acted.

\_\_\_\_\_ J. L. Jones \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_ H. S. Carpenter \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, \_\_\_\_\_ J. L. Jones, \_\_\_\_\_  
 and \_\_\_\_\_ H. S. Carpenter \_\_\_\_\_, do solemnly swear that we assisted \_\_\_\_\_  
 \_\_\_\_\_ Harry E. Jones \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of \_\_\_\_\_  
 \_\_\_\_\_ Julian Kennedy, Jr. \_\_\_\_\_  
 known as the \_\_\_\_\_ BUNKER HILL 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 United States Surveyor-General for \_\_\_\_\_ Arizona. \_\_\_\_\_

\_\_\_\_\_ J. L. Jones \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_ H. S. Carpenter \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman*

Subscribed and sworn to by the above-named persons before me this 19th.

day of \_\_\_\_\_ July \_\_\_\_\_, 19 19.

\_\_\_\_\_ Ralph A. Phillips \_\_\_\_\_

Notary Public

My commission expires June 23, 1923.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 16th. 1919, 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 Julian Kennedy, Jr., known as the BUNKER HILL Lode, situate in Mineral Creek Mining District, Pinal County, Arizona, in Section 12, Township No. 3 S., Range No. 13 East Unapp'd., and designated as Survey No. 3596, 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 his 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.

Harry E. Jones
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones, U. S. Mineral Surveyor, before me Ralph A. Phillips, a Notary Public in and for County of Maricopa State of Arizona, this 19th day of July, 1919.

Ralph A. Phillips
Notary Public.

My commission expires June 23, 1923.





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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 31, 1919.

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Julian Kennedy, Jr.

known as the BUNKER HILL Lode

situate in Mineral Creek

Mining District, Pinal County, Arizona

in Section 12, Township No. 3 S., Range No. 13 East Unapp'd., and

designated as Survey No. 3596, 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 his grantors, and that said improvements consist of 10 cuts, 5 shafts and 6 tunnels.

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.

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,

March 31, 1919.

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Julian Kennedy, Jr.

known as the BUNKER HILL Lode

situate in Mineral Creek mining district,

Pinal County, Arizona

in Section 12, Township No. 3 S., Range No. 13 E. Unapp'd.

designated as Survey No. 3596

executed by Harry E. Jones, United States Mineral

Surveyor, July 1-4, 1919, under my instructions dated

June 19th, 1919, 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]

U. S. Surveyor-General for Arizona.