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4-683

MINERAL SURVEY No. 3696

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Bunker Hill Mines Company

KNOWN AS THE

Black Hawk lode

Tombstone Mining District,

Cochise County, Arizona.

Section 14, Township T 20 S, Range 22 E, G & S R B & M

Surveyed under instructions dated August 28, 19 20.

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

Claim located see location notice, 19

Survey commenced September 24, 19 20

Survey completed September 25, 19 20

Address of claimant's attorney, Ellinwood & Ross,
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3696

BLACK HAWK lode.

- Beginning at Cor. No. 1, the N. W. Cor., identical with Cor. No. 3, Survey No. 928 C O D lode, a pine post 4 inches square 30 inches above ground in a mound of stones and scribed 1-3696 B H, whence original location for the NW Cor. being a mound of stones 3 ft high with 3 ft base brs N $37^{\circ} 46'$ W 39.7 ft. Cor. No. 2 Survey No. 928 C O D lode brs N $50^{\circ} 26'$ E 193.4 ft and the witness corner for the $1/4$ Cor. between Secs. 14 and 15, T 20 S, R 22 E, G & S R B & M brs S $78^{\circ} 41'$ W 1482.9 ft. True point for said $1/4$ sec. Cor. brs. S $78^{\circ} 43' 20''$ W. 1482.70 ft.
thence N $29^{\circ} 30'$ E
- 245.8 to original location for the north end center also Cor. No. 2, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed N E Ct B H and 2-3696 B H. No bearings available.
thence N $38^{\circ} 31'$ E
- 300.0 to Cor. No. 3, the N E Cor., identical with location and with Cor. No. 1, Survey No. 928 C O D lode, a pine post 4 inches square 30 inches above ground in a mound of stones and scribed 3-3696 B H, whence Cor. No. 2 Survey No. 928 C O D Lode brs S $26^{\circ} 00'$ W 362.1 ft. Cor. No. 2 Survey No. 333 Anchor lode brs S $13^{\circ} 35'$ E 554.0 ft. Cor. No. 4 Survey No. 668 Guaymas lode brs S $29^{\circ} 51'$ E 466.9 ft.
thence S $41^{\circ} 06'$ E
- 438.8 intersect line 4-5 Survey No. 668 Guaymas lode at N $37^{\circ} 02'$ E 93.1 ft and S $37^{\circ} 02'$ W 121.5 ft. from Cors. 4 and 5 respectively. Cor. No. 3 Survey No. 668 Guaymas lode brs S $28^{\circ} 54'$ W 188.4 ft. from Cor. No. 4 thereof
- 1115.0 to Cor. No. 4, the S E Cor., identical with location and situated on line 5-6 Survey 927 Telephone lode, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3696 B H. Cor. No. 4 Survey No. 678 Large Hope lode brs N $50^{\circ} 52'$ W 418.4 ft. (Cor. no. 5 Survey No. 678 Large Hope lode brs S $36^{\circ} 54'$ W 198.4 ft. from Cor. No. 4 thereof). Cor. No. 5 Survey No. 927 Telephone lode brs N $38^{\circ} 31'$ E 417.9 ft.

- thence S 38° 31' W
- 35.3 along line 5-6 Survey No. 927 Telephone lode, intersect line 3-4 Survey No. 678 Large Hope lode at N 46° 03' W 591.0 ft and S 46° 03' E 420.3 ft. from Cors 3 and 4 respectively
- 122.9 intersect line 2-3 Survey No. 668 Guaymas lode at N 54° 34' W 589.1 ft. and S 54° 34' E 632.2 ft. from Cors 2 and 3 respectively. The intersection of line 2-3 Survey No. 668 Guaymas lode with line 4-5 Survey No. 678 Large Hope lode at S 36° 54' W 149.8 ft. from Cor. No. 4 brs N 54° 34' W 414.8 ft. from this point.
- 300.0 to original location for the southend center being a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed S E Ct B H 3696
- 374.2 intersect line 2-3 Survey No. 333 Anchor lode at N 31° 53' W 549.3 ft. and S 31° 53' E 700.2 ft. from Cors 3 and 2 respectively. The intersection of line 2-3 Survey No. 333 Anchor lode with line 3-4 Survey No. 668 Guaymas lode at N 28° 54' E 8.13 ft. from Cor. No. 3 brs N 31° 53' W 671.53 ft. from this point. The intersection of line 2-3 Survey No. 333 Anchor lode with line 2-3 Survey No. 668 Guaymas lode at S 54° 34' E 18.4 ft. from Cor. No. 3 brs N 31° 53' W 650.58 ft. from this point. The intersection of line 2-3 Survey No. 333 Anchor lode with line 5-6 Survey No. 678 Large Hope lode at N 36° 54' E 162.1 ft. from Cor. No. 6 brs N 31° 53' W 437.1 ft. from this point
- 465.2 intersect line 6-7 Survey No. 678 Large Hope lode at N 40° 58' W 611.9 ft. and S 40° 58' E 414.2 ft. from Cors 7 and 6 respectively. Cor. No. 5 Survey No. 678 Large Hope lode brs N 36° 54' E 195.9 ft. from Cor. No. 6 thereof.
- 600.0 to Cor. No. 5, the S W Cor., identical with location and situated on line 5-6 Survey 927 Telephone lode, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 5-3696 B H whence

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a limestone ledge with 32 x 40 x 8 inches high exposure chiseled B R x 5-3696 brs S 85° 58' W 6.0 ft. and a second limestone ledge with 53 x 99 x 11 inches high exposure with like chiseling brs N 3° 52' E 7.1 ft. Cor. No. 6, Survey No. 927, Telephone lode, brs. S 38° 31' W 43.4 ft.

thence N 37° 46' W

610.0 intersect line 6-1 Survey No 333 Anchor lode at S 25° 49' W 36.3 ft. and N 25° 49' E 247.2 ft. from Cors. 1 and 6 respectively. Cor. No. 2, Survey No. 333, Anchor lode, brs. N 26° 39' E 286.8 ft. from Cor. No. 1 thereof.

1089.3 to Cor. No. 1, place of the beginning.

LEDGE

The presumed course of the vein on this claim is from the north end center S 41° 06' E 1115.0 ft.

AREAS

Total area Black Hawk lode - - - - - 14.165 A

Area in conflict with

Survey No. 333 Anchor lode - - - 3.750 A ✓

Survey No. 668 Guaymas lode - - 3.000 A ✓

Survey No. 668 Guaymas lode exclusive of its conflict with

Survey No. 333 Anchor lode - - 2.998 A ✓

Survey No. 678 Large Hope lode - 3.897 A ✓

Survey No. 678 Large Hope lode exclusive of its conflict with

Survey No. 333 Anchor lode - - 2.713 A ✓

Survey No. 678 Large Hope lode exclusive of its conflict with

Survey No. 668 Guaymas lode - 2.763 A ✓

Survey No. 678 Large Hope lode exclusive of its conflict with

Survey No. 333 Anchor lode and

Survey No. 668 Guaymas lode - 1.579 A ✓

Survey No. 928 C O D lode - - - 0.466 A ✓

LOCATION

This survey is situated in Sec. 14, T 20 S, R 22 E, G & S R B & M, in the Tombstone Mining District, Cochise County, Arizona.

IMPROVEMENTS

I hereby certify that the value of the labor performed and the improvements placed on this claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:-

No. 1	Discovery shaft 4 x 6 x 10 ft. deep brs from north end center on lode line 400 ft. Value - - \$	75.00
No. 2	Shaft 5 x 5 x 8 ft. deep brs from Cor. No. 1 S 64° 30' E 200.0 ft. Value - - - - -	60.00
No. 3	Shaft 4 x 7 x 10 ft. deep brs from Cor. No. 1 S 51° 10' E 249.0 ft. Value - - - - -	90.00
No. 4	Shaft 5 x 7 x 10 ft. deep brs from Cor. No. 1 S 54° 45' E 260.0 ft. Value - - - - -	100.00
No. 5	Shaft 4 x 7 x 8 ft. deep brs from Cor. No. 1 S 63° 20' E 286.0 ft. Value - - - - -	60.00
No. 6	Shaft 5 x 7 x 10 ft. deep brs from Cor. No. 1 S 56° 45' E 328.0 ft. Value - - - - -	100.00
No. 7	Shaft 4 x 6 x 10 ft. deep brs from Cor. No. 1 S 64° 40' E 342.0 ft. Value - - - - -	75.00
No. 8	Shaft 5 x 6 x 10 ft. deep brs from Cor. No. 1 S 63° 30' E 367.0 ft. Value - - - - -	85.00
No. 9	Shaft 5 x 7 x 10 ft. deep brs from Cor. No. 1 S 62° E 415.0 ft. Value - - - - -	100.00
	Total Value of Improvements - - - - -	\$ 745.00

OTHER IMPROVEMENTS

Shaft 4 x 6 x 25 ft. deep brs from Cor. No. 4 N 51° W 69.0 ft.

Shaft 4 x 6 x 49 ft. deep brs from Cor. No. 4 S 72° 10' W 81.0 ft.

Shaft 4 x 7 x 26 ft. deep brs from Cor. No. 4 N 87° 45' W 212.0 Ft.

Shaft 6 x 8 x 15 ft. deep brs from Cor. No. 4 N 80° W 290.0 ft..

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Shaft 5 x 7 x about 200 ft. deep brs from south end center N 70° 05' W 42.0 ft.

Trench 3 x 3 x 28 ft long brg N 20° E south end of which brs from south end center N 15° 45' W 69.0 ft.

Trench 3 x 4 x 44 ft. long brg N 15° E south end of which brs from south end center N 78° 40' W 143.0 ft.

Shaft 4 x 6 x 20 ft. deep brs from Cor. No. 4 N 52° 05' W 354.0 ft.

Shaft 4 x 6 x 11 ft. deep brs from Cor. No. 4 N 56° 30' W 387.0 ft.

Shaft 4 x 6 x 10 ft. deep brs from Cor. No. 4 N 68° 10' W 360.0 ft.

Shaft 5 x 7 x 9 ft. deep brs from Cor. No. 4 N 80° 15' W 372.0 ft.

Shaft 5 x 7 x 25 ft. deep brs from Cor. No. 4 N 81° W 433.0 ft.

Shaft 5 x 7 x about 100 ft. deep brs from Cor. No. 1 S 47° 30' E 457.0 ft.

Shaft 5 x 7 x 25 ft. deep brs from Cor. No. 1 S 50° 18' E 400.0 ft.

Shaft 5 x 7 x 20 ft. deep brs from Cor. No. 1 S 40° 45' E 495.0 ft.

Shaft 5 x 6 x 20 ft. deep brs from Cor. No. 3 South 270.0 ft.

ADJOINING CLAIMS

North	Survey No. 928, C O D lode
East	Survey No. 668 Guaymas lode Flux lode, unsurveyed, owned by applicant herein.
South	Survey No. 927 Telephone lode, and Survey No. 678 Large Hope lode.
West	Survey No. 333 Anchor lode

INSTRUMENT

This survey was made with a C. L. Berger & Sons No. 1 c Transit. The courses were deflected from the true meridian as determined from a direct solar observation. Distances were measured with 100 and 300 ft. steel tapes. Magnetic variation 12° 15' East at all corners.

2°2°-----

REPORT

Witness corner for the 1/4 Cor. between Secs. 14 and 15, T 20 S, R 22 E, G & S R B & M is a limestone rock 4 x 9 x 10 inches high above ground, chiseled W C on west face.

Monument of rocks 3 ft. west, and brs. N. 0° 01' W. 1.05 chs. from the true point for the 1/4 Sec. Cor.

Survey No. 333, Anchor lode. Cor. No. 1 is a 4 x 4 post not scribed. Cors. 2 and 3 are monuments of rocks.

Cor. No. 6 is a 4 x 4 post scribed A M C No 6

Survey No. 668 Guaymas lode. Cor. No. 2 is a 4 x 4 post scribed G M C No 2. Cors 3 and 4 are monuments of

rocks. Cor. No. 5 is a 4 x 4 post scribed G M C No 5

Survey No. 678 Large Hope ^{lode.} Cor. No. 3 is a 4 x 4 post

scribed L H M C No III, Cors. 4 and 5 are monuments of

rocks. Cor. No. 6 is a 4 x 4 post scribed L H M C No

VI, Cor. No. 7 is a 4 x 4 post scribed L. H M C No VII

Survey No. 927 Telephone lode. Cor. No. 5 is a 4 x 4 post scribed T M C No 5, Cor. No. 6 is a 4 x 4 post scribed

T M C No 6

Survey No. 928 C O D lode. Cor. No. 1 is a 4 x 4 post

scribed I M. C O D M C No 1, Cor. No. 2 is a 4 x 4 post

scribed C O D M C no 2, Cor. No. 3 is a 4 x 4 post

scribed C O D M C No 3

Ralph L. Moz

U. S. MINERAL SURVEYOR.

Dated at Bisbee, Arizona.

October 20th, 1920.

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

Bunker Hill Mines Company

known as the Black Hawk lode

and showing the respective capacities in which they acted.

John Caretto, *Chainman.*

Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

~~No. 1.~~ John Caretto

and _____, do solemnly swear that ~~we~~ ^I assisted Ralph L. Motz

_____, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Bunker Hill Mines Company

known as the Black Hawk 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.

John Caretto, *Chainman.*

Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 29th

day of September, 19 20.

Charles Woods

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

My commission expires May 23, 1921.



FINAL OATH OF U. S. MINERAL SURVEYOR.

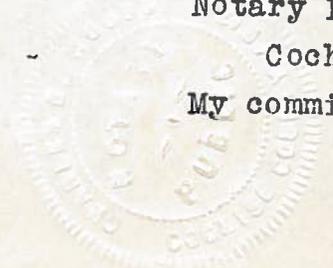
I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 28, 1920, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Bunker Hill Mines Company, known as the BLACK HAWK lode, situate in Tombstone Mining District, Cochise County, Arizona, in Section 14, Township No. 20 S, Range No. 22 E, G & S R B & M, and designated as Survey No. 3696, 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me Charles R. Woods
Notary Public this 20th
day of October, 19 20

Charles R. Woods

Notary Public, in and for the County of Cochise, State of Arizona.
My commission expires May 23, 1921.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

December 6, 1920.

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

Bunker Hill Mines Company

known as the BLACK HAWK Lode

situate in Tombstone

Mining District, Cochise County, Arizona

in Section 14, Township No. 20 S., Range No. 22 E., and

designated as Survey No. 3696, 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 its grantors, and that said improvements consist of 9 shafts, value \$745.

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

December 6, 1920

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

Bunker Hill Mines Company

, known as the

BLACK HAWK Lode

situate in Tombstone mining district,

Cochise County, Arizona

in Section 14, Township No. 20 S., Range No. 22 E.

, designated as Survey No. 3696

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

Surveyor, September 24 - 25, 1920, under my instructions dated

August 28, 1920, 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. 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.

[Handwritten signature]

U. S. Surveyor General for Arizona