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4-683

SEP 17 1919

MINERAL SURVEY No. 3622

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. M. Ball, Emil Marks, Chase L. Purdy and Julius Kruger

KNOWN AS THE

Black Bird Lode

Warren Mining District,

Cochise County, Arizona

Section 7 Unappr'd., Township 23 S., Range 24 E. G & S R B & M

Surveyed under instructions dated September 3rd, 1919.

by Ralph L. Motz

U. S. Mineral Surveyor.

Claim located see location notice attached, 19

Survey commenced September 8th, 1919., 19

Survey completed September 8th, 1919., 19

Address of claimant's attorney, Cleon T. Knapp, Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

BLACK BIRD LODE

Feet.

Beginning at Cor. No. 1; the N. E. Cor., identical with the southeast corner Diamond Fraction, unsurveyed, and situated on line 2-3 Sur. No. 3407 Knickerbocker lode, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3622 B B, whence original location for the northeast corner, being a mound of stones 3 ft. high with a 3 ft. base, brs N. 61° 19' E. 246.8 ft., and U. S. M. M. No. 1725 Warren Mining District brs N. 9° 51' E. 8456.7 ft.

thence S. 11° 57' W.

988.9 along line 3-2 Sur. No. 3407 Knickerbocker lode to Cor. No. 2, identical with Cor. No. 2 Sur. No. 3407 Knickerbocker lode, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3622 B B. No bearings available.

thence S. 20° 04' W.

335.3 to Cor. No. 3, the S. E. Cor., identical with location, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3622 B B. No bearings available.

thence S. 61° 19' W.

450.0 to original location for south end center, being a mound of stones 3 ft. high with a 3 ft. base,

900.0 to Cor. No. 4, the S. W. Cor., identical with location, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3622 B B, whence the 1/4 Cor. between Secs. 7 and 18, T. 23 S., R. 24 E., brs S. 38° 19' 30" E. 1569.9 ft.

thence N. 20° 57' E.

198.1 to Cor. No. 2 Sur. No. 3541 Red Bird lode,

1500.0 along line 2-1 Sur. No. 3541 Red Bird lode to Cor. No. 5, the N. W. Cor., identical with location and with Cor. No. 1, Sur. No. 3541 Red Bird lode, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 5-3622 B B, whence a quartzite rock with 28 x 74 x 22 inch high exposure and chiseled B R x

Feet.

5-3622 brs S. 5° 10' W. 7.5 ft., and a second quartzite rock with 17 x 3.3 x 8 inch high exposure with like chiseling brs S. 3° 56' W. 21.1 ft. thence N. 61° 19' E.

450.0 to original location for north end center, being a mound of stones 3 ft. high with a 3 ft. base,

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

LEDGE.

The presumed course of the vein on this claim is from the north end center S. 20° 57' W. 1500.0 ft.

AREA.

Total and net area of Black Bird lode - - - -17.858 A.

LOCATION.

This survey is located in Sec. 7, Unapproved, T. 23 S., R. 24 E., G & S R B & M in the Warren Mining District, Cochise County, Arizona.

IMPROVEMENTS.

I certify that the value of the labor and improvements placed upon this claim by the claimants or their grantors was at the time of survey as follows:-

- No.1. Discovery open cut 5 x 8 x 12 ft. long brg N. 75° W., the mouth of which brs from north end center on lode line 500 ft. Value \$.75.00
 - No.2. Open cut 5 x 8 x 13 ft. long brg west, the mouth of which brs from Cor. No. 1 S. 47° 44' W. 211.0 ft. Value \$ 80.00
 - No.3. Open cut 10 x 7 x 10 ft. long, at face is open cut 6 x (7-11) x 9 ft. long with tunnel 4 x 6 x 2 ft. long, all brg west, the mouth of open cut brs from Cor. No. 1 S. 46° 20' W. 252.0 ft. Value \$300.00
- Total value of improvements \$455.00

Note. Additional report of improvements will be furnished prior to the expiration of the period of publication of the notice of application for patent.

ADJOINING CLAIMS.

- North. Diamond Fraction, ^{Lode} unsurveyed, owned by Chas. Rambo et al.
- East. Sur. No. 3407 Knickerbocker lode.
- South. Unsurveyed claims, claims and claimants unknown.
- West. Sur. No. 3541 Red Bird lode.

INSTRUMENT.

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined for Survey Nos. 3407 and 3493. The distances were measured with a 100 and 300 steel tapes. Magnetic variation $12^{\circ} 30'$ East at all corners.

REPORT.

U. S. M. M. No. 1725 is a pine post 6 inches square, 9 ft. high surrounded by a mound of stones 3 ft. high with a 6 ft. base. Post is scribed U S M M No. 1725.

The $1/4$ Cor. between Secs. 7 and 18, T. 23 S., R. 24 E., is an iron pipe with copper cap marked $1/4$ S 7- S 18.

Ralph L. Moz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

September 16th, 1919.

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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

J.M. Ball, Emil Marks, Chase L. Purdy and Julius Kruger

known as the Black Bird lode

and showing the respective capacities in which they acted.

C. O. McGeein , *Chainman.*

..... , *Chainman.*

..... , *Arman.*

..... , *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~Was~~ I. C. O. McGeein

~~and~~ , do solemnly swear that ^I~~we~~ assisted

Ralph L. Motz , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

J. M. Ball, Emil Marks, Chase L. Purdy and Julius Kruger

known as the Black Bird 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 ^{my}~~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

C. O. McGeein , *Chainman.*

..... , *Chainman.*

..... , *Arman.*

..... , *Flagman.*

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

day of September, 1919.

J. W. Ross

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

My commission expires Feb 21 1920.

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 3rd, 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 J. M. Ball, Emil Marks, Chase L. Purdy and Julius Kruger, known as the Black Bird lode, situate in Warren Mining District, Cochise County, Arizona, in Section 7 Unappr'd, Township No. 23 S., Range No. 24 E. G & S R B & M, and designated as Survey No. 3622, 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 J. W. Ross, Notary Public
this 16th
day of September, 1919.

J W Ross
Notary Public in and for the County of
Cochise, State of Arizona.
My commission expires Feb. 21st, 1920.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

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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 J. M. BALL, EMIL MARKS, CHASE L. PURDY and JULIUS KRUGER,

known as the BLACK BIRD LODE

situate in WARREN

Mining District, COCHISE County, ARIZONA,

in Section 7 Unapp'd, Township No. 23 S., Range No. 24 E., G&SRB&M, and

designated as Survey No. 3622, 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 less than five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimants or their grantors, and that said improvements consist of at date of survey of three open cuts and 1 tunnel,

Value \$455.00.

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.

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimants or their grantors, upon the mining claim of
J. M. Ball, Emil Marks, Chase L. Purdy, and Julius Kruger

known as the BLACK BIRD Lode,
situate in Warren mining district,
Cochise County, Arizona
in Section 7, Township No. 23 S., Range No. 24 E.;

that said improvements consist of, in addition to those reported at time
of survey, extension of the discovery cut, value \$100.00

....., and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Ralph L. Motz, U. S. Deputy Mineral Surveyor, dated
December 18, 1920, is hereto attached.

U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,
Phoenix, Arizona,
December 20, 1920.

MINERAL SURVEY NO. 3622

BLACK BIRD

SUPPLEMENTAL REPORT OF IMPROVEMENTS

I hereby certify that the value of the labor performed and improvements made upon this claim by the claimants or their grantors is not less than five hundred dollars and that said improvements, in addition to those which were reported at time of survey, consist of:-

No. 1 Discovery cut now 7 x 9 x 18 ft. long. Value
of additional work - - - - - \$100.00

Ralph L. Motz
U. S. Mineral Surveyor

Dated at
Bisbee, Arizona.
December 18, 1920.

I, Ralph L. Motz, U. S. Mineral Surveyor, for the district of Arizona, first being duly sworn, depose and say that the above supplemental report is true and correct and the improvements mentioned therein were made and completed prior to the date of the expiration of the period of the publication of the notice of application for patent to the lands embraced in Mineral Survey No. 3622.

Ralph L. Motz
U. S. Mineral Surveyor.

State of Arizona)
) ss
County of Cochise)

Subscribed and sworn to by said Ralph L. Motz, U. S. Mineral Surveyor, before me, Margaret R. Irving, a notary Public, in and for the County of Cochise, State of Arizona, this 18th day of December, 1920.



Margaret Irving
Notary Public.

My commission expires May 10, 1924.

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.

....., 191

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.....

..... J. M. BALL, EMIL MARKS, CHASE L. PURDY and JULIUS KRUGER.....

....., known as the

..... BLACK BIRD LODE.....

situate in..... WARREN..... mining district,
..... COCHISE..... County,..... ARIZONA.....

in Section... 7 Unapp'd., Township No. 23 S., Range No. 24 E., G. &
S. R. B. & M., designated as Survey No. 3622.....

executed by..... Ralph L. Motz....., United States Mineral
Surveyor,..... September 8th....., 1919, under my instructions dated
September 3rd....., 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.

Frank P. Frost

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