

MINERAL SURVEY No. 3541

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

N. L. Hayden, Chase L. Purdy, Emil Marks, J.M. Ballard, I. Jacobson

KNOWN AS THE

Red Bird lode

Warren Mining District,

Cochise County, Arizona

Section 7, unapproved, Township 23 South, Range 24 E.

Surveyed under instructions dated August 14th, 1918.

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

Claim located see location notice, 19

Survey commenced January 27th, 1919.

Survey completed January 28th, 1919.

Address of claimant's attorney, C. T. Knapp, Att'y. Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

Feet.

Red Bird lode.

Beginning at Cor No 1, the N E Cor, identical with location a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3541 R B, whence a quartzite ledge with 28 x 74 x 22 ins high exposure and chiseled B R x 1-3541 brs S 5° 10' W 7.5 ft., and a second quartzite ledge with 17 x 33 x 8 ins high exposure with like chisling brs S 3° 56' W 21.1 ft. Cor No 3 Sur No 3493 Wren lode brs N 61° 09' W 518.1 ft., and U. S. M. M. No. 1725 Warren Mining District brs N 13° 09' E 8878.4 ft.

thence S 20° 57' W

1301.9 to Cor No 2, the S E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3541 R B. No bearings available.

thence S 60° 38' 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 3, the S W Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3541 R B, whence a quartzite ledge with 13 x 33 x 3 ins high exposure and chiseled B R x 3-3541 brs S 82° 03' E 24.1 ft., and a second quartzite ledge with 23 x 37 x 4 ins high exposure with like chisling brs N 9° 34' E 25.25 ft., and the S W Cor Sec 7, T. 23 S., R. 24 E., brs S 44° 19' W 1359.3 ft.

thence N 20° 57' E

1301.9 to Cor No 4, the N W Cor, identical with location, a redwood post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3541 R B. No bearings available.

thence N 60° 38' E

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

460.0 cross gulch, course northerly and southerly,

900.0 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 1301.9 ft.

AREA.

Total area of Red Bird lode - - - - - 17.176 A
~~1301.9 x 574.69 (900 x sin 39° 41') = 748,188.91 sq ft.~~

LOCATION.

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

IMPROVEMENTS.

I certify that the value of the labor and improvements made upon this claim by the claimants or their grantors is not less than five hundred dollars and that said improvements consist of:-

- | | | |
|-------|---|-----------------------|
| No.1. | Discovery open cut 5 x 8 x 10 ft long brg S 25° E, the face of which brs from north end center on lode line 435.0 ft. | Value \$ 50.00 |
| No.2. | Open cut 5 x 10 x 10 ft long, with tunnel at face 4 x 6 x 15 ft long, both brg. S 38° E, the mouth of open cut brs from north end center S 25° 02' E 31.0 ft. | Value \$300.00 |
| No.3. | Open cut 6 x 8 x 10 ft long brg S 55° E, the mouth of open cut brs from north end center S 18° 19' E 109.4 ft. | Value \$ 60.00 |
| No.4. | Open cut 4 x 9 x 10 ft long brg S 23° E, the mouth of which brs from north end center S 5° 40' E 203.0 ft. | Value \$ 50.00 |
| No.5. | Open cut 5 x 10 x 19 ft long brg south, the mouth of which brs from south end center on lode line 420.0 ft. | Value <u>\$120.00</u> |
| | Total | \$580.00 |

ADJOINING CLAIMS.

- | | |
|--------|---|
| North. | Diamond Fraction, ^{lode, unsur,} owned by C. W. Rambo et al. |
| East. | Black Bird, ^{lode, unsur,} owned by J. M. Ballet ^{and} et al. |
| South. | El Paso, ^{lode, unsur,} owned by I. Jacobson et al. |

INSTRUMENT.

This survey was made with a Gurley Light Mountain transit. The Courses were deflected from the true meridian as determined by a solar observation, and checked by the meridian as determined in Survey No 3493. Magnetic variation 12° 30' East at all corners.

REPORT.

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

S W Cor of Sec. 7, T. 23 S., R. 24 E., is an iron pipe with copper cap marked for corner.

Ralph L. Mohr

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

February 8th, 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 N. L. Hayden,

Chase L. Purdy, Emil Marks, J. M. Ballard, I. Jacobson

known as the Red Bird lode

and showing the respective capacities in which they acted.

Norman Bigelow....., *Chainman.*

....., *Chainman.*

....., *Asman.*

....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~XXX~~ I, Norman Bigelow

~~XXX~~....., do solemnly swear that ~~was~~ ^I assisted

Ralph L. Motz....., United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of N. L. Hayden, Chase L. Purdy, Emil Marks

J. M. Ballard, I. Jacobson

known as the Red 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~~ ^{my} 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

Norman Bigelow....., *Chainman.*

....., *Chainman.*

....., *Asman.*

....., *Flagman.*

Subscribed and sworn to by the above-named persons before me this 8th

day of February, 1919.

JW Ross

Notary Public in and for the
County of Cochise, State of Arizona.
My commission expires Feb. ~~21st~~ 21st 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 August 14th, 1918, 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 N. L. Hayden, Chase L. Purdy, Emil Marks, J. M. Ballard, I. Jacobson, known as the Red 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., and designated as Survey No. 3541, 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 8th
day of February, 1919.

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

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 12, 1919

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

N. L. HAYDEN, CHASE L. PURDY, EMIL MARKS, J. M. BALLARD, I. JACOBSON.

known as the Red Bird lode

situate in Warren

Mining District, Cochise County, Arizona.

in Section 7 unapp'd, Township No. 23 S., Range No. 24 E., and

designated as Survey No. 3541, 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 claimants or their grantors, and that said improvements consist of 5 cuts and 1 tunnel, total value \$580.00

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.

**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,

June 12, 1919

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 _____

N. L. HAYDEN, CHASE L. PURDY, EMIL MARKS, J. M. BALLARD, I. JACOBSON.

_____, known as the

RED BIRD LODE

situate in WARREN mining district,

COCHISE County, ARIZONA.

in Section 7 unapp'd., Township No. 23 S., Range No. 24 E.

_____, designated as Survey No. 3541

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

Surveyor, January 27-28, 1919, under my instructions dated


August 14, 1918, 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.



U. S. Surveyor General for Arizona.